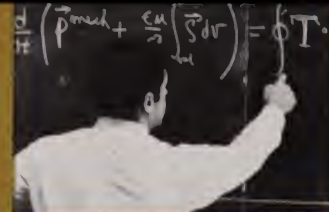


EMMANUEL
COLLEGE
CATALOGUE
1967-1968







EMMANUEL COLLEGE

*A CATHOLIC INSTITUTION
FOR THE
HIGHER EDUCATION OF WOMEN*

1967-1968 CATALOGUE

*THE FENWAY
BOSTON, MASSACHUSETTS 02115*



COMMUNICATION WITH THE COLLEGE

Mailing address Emmanuel College
400 The Fenway
Boston, Massachusetts 02115

Telephone number 277-9340
Area code 617

Inquiries should be addressed to the officers indicated below:

General Interests	<i>President</i>
Admissions	<i>Director of Admissions</i>
Scholarships	<i>Director of Admissions</i>
Financial Assistance	<i>Financial Aid Officer</i>
Curriculum and Faculty Personnel	<i>Academic Dean</i>
Curriculum for Freshmen	<i>Dean of Freshmen</i>
Transcripts of Record	<i>Registrar</i>
Student Services Social and Cultural Activities	<i>Dean of Students</i>
Student Housing	<i>Director of Residence</i>
Business Affairs and Payment of Bills	<i>Treasurer</i>
Vocational Placement	<i>Director of Placement</i>
Alumnae Affairs	<i>Executive Secretary of Alumnae Assn.</i>
Public Relations	<i>Director of Public Information</i>
Graduate Study	<i>Director of Graduate Study</i>



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EMMANUEL COLLEGE

Emmanuel College, conducted by the Sisters of Notre Dame of Namur, is incorporated under the laws of the Commonwealth of Massachusetts and invested with power to confer degrees. Its legal title is "The Trustees of Emmanuel College."

It is accredited by the New England Association of Colleges and Secondary Schools.

The College holds membership in the American Association of University Women, American Council on Education, Association of American Colleges, and American Association of Colleges for Teacher Education.

HISTORY AND AIMS

Enjoying the distinction of being the first Catholic college for women in New England, Emmanuel College was founded in 1919, fulfilling an urgent need in the area for those desirous of pursuing an advanced education in the Catholic tradition.

Located in the artistic, scientific, and literary center of Boston, it is conducted by the Sisters of Notre Dame of Namur.

As a liberal arts institution, Emmanuel strives to provide an integrated academic, spiritual, and cultural program that will develop for the student a rich intellectual life, stimulate creative thinking, and enable her to meet the changing currents of the modern world so that she may reach her potential in service of God and man.





FACULTY

As the enrollment of Emmanuel College has increased, the faculty has grown proportionally so as to preserve a ratio of one faculty member for every twelve students. The rapport between faculty and students creates a friendly, warm atmosphere on campus, one conducive to the free exchange of ideas and ideals. This is one of the college's greatest assets. Faculty members, representing the best universities in this country and abroad, are eager to share with students the great quest for truth which is higher education. Seminars, small group discussions, shared research projects, a faculty advisory program provide formal situations for this shared learning, wherein dedicated professors give freely of their experience and their competence to help each student individually as she seeks to grow in wisdom and in Christian maturity.

FACILITIES

The administration building is an English collegiate Gothic structure, containing a chapel, assembly hall, lecture rooms, offices, reception rooms, and classrooms.

Alumnae Hall, the three-story science building, houses the physics, biology, chemistry and psychology departments. Laboratories, lecture rooms, seminar rooms, large and small auditoriums, research laboratories, faculty offices, dark rooms, refrigeration unit, plant rooms, sterilizing unit are all well equipped.

Marian Hall, a student union building, provides a spacious dining hall, gymnasium, classrooms, student and faculty lounges, an alumnae center, the office of the Dean of Students, the student government office, and chapel.

Julie Hall, St. Ann Hall, Loretto Hall and St. Joseph Hall are comfortably equipped with double rooms, lounges, infirmary and recreational facilities for students in residence.

The Cardinal Cushing Library, with a capacity for 200,000 volumes, affords the most up-to-date facilities including listening and microfilm rooms, typing booths and lecture hall.

The Campus Shop provides an informal meeting place where faculty and students may enjoy coffee or browse in the book store.



EXPENSES

Charges for tuition are payable half-yearly in advance, i.e., on or before the opening day of the semester. The college reserves the right to change any fees at the end of any term, with due notice, should economic conditions make it necessary. A student whose indebtedness to the college remains unpaid on the day fixed for payment is deprived of the privilege of attending classes until she is reinstated. Reinstatement is obtained only by consent of the Academic Dean, after payment of all indebtedness.

No student may take her semester examinations if any part of her account with the college remains unpaid at the time of the examinations.

No student will be granted her degree or a transfer of her credits unless a satisfactory settlement of all her college bills has been made.

A complete list of yearly expenses follows:

Matriculation fee, paid before entrance, not refundable.....	\$ 10.00
Late registration	5.00
Tuition per semester	700.00
Tuition per semester hour	50.00
Residence and board per semester.....	550.00
Piano per semester, one hour.....	130.00
Voice per semester, one-half hour.....	65.00
Organ per semester	130.00
Violin per semester	130.00
Use of practice room per semester.....	5.00
Rental of instruments per semester.....	15.00
Use of organ for practice per semester.....	10.00
Library fee	25.00
Laboratory fee for art majors per semester.....	25.00
Science laboratory fee for each course.....	30.00
Computation laboratory fee	25.00
Experimental psychology laboratory fee.....	25.00
Language workshop fee	10.00
Fee for commencement	30.00
Other fees — Lecture, Health, <i>Ethos</i> , Examination	25.00
Senior Teacher Education Program	25.00

A deposit of \$50 is required for a room reservation. Room assignments are made in order of application. For those students already enrolled in the

college the fee is payable on or before March 1 of the preceding college year and is deducted from the student fees for the second semester of the ensuing year. Incoming freshmen who desire residence accommodations must pay \$100 deposit on completion of the application for admission. Deposit fees are not refundable in case of withdrawal.

INSURANCE PLAN

The college has arranged with an insurance company for a health insurance plan which is compulsory for resident students. The policy provides for students' accident and sickness reimbursement insurance. Students who avail themselves of this service are protected each year against medical expense. The cost is \$23.00.



ADMISSION REQUIREMENTS

Students eager for the “open-endedness” of higher education are encouraged to apply to Emmanuel College. Academic preparation, ability, personality, character and health, evidenced by the student’s credentials, are evaluated to support her expressed determination to follow the educational and cultural opportunities offered by Emmanuel College.

The student must be a graduate of a secondary school approved by one of the regional associations of schools and colleges or must present other evidence of a preparatory course satisfactory to the Committee on Admissions. Candidates will be admitted on the basis of their high school records and recommendations, the scores on the College Board tests and on other information secured by the college. A student is not admitted if she is in the lower half of her class or if she does not receive the endorsement of the principal of the high school which she has attended.

A personal interview with the Director of Admissions is required. Appointments should be arranged at least three weeks in advance. Interviews should take place before February 1 of the applicant’s senior year, preferably in the early fall.

It is recommended that a candidate for admission present evidence of a balanced college preparatory academic program. The minimal unit requirements are: 4 English, 3 mathematics, 1 history, 3 of one language or 2 each of two languages, 1 science — biology, chemistry or physics, and 4 academic electives.

COLLEGE ENTRANCE EXAMINATION BOARD TESTS

Candidates for admission to the freshman class are required to take the Scholastic Aptitude Test, three Achievement Tests, and the Writing Sample. One Achievement Test must be in English; the other two must be selected from two of these fields: (1) Foreign Language, (2) Mathematics, (3) Science, and (4) History. Applicants are encouraged to submit the results of an achievement test in a foreign language.

Applications for the College Board tests should be made to the College Entrance Examination Board, Box 592, Princeton, New Jersey, by the candidate. She is responsible for having the scores sent to the college.

Students should plan to take the Aptitude Tests before January of the

senior year. They may choose appropriate testing dates for the Achievement Tests provided all tests are completed on or before the January testing date of the senior year.

Candidates should make application by mail to the College Entrance Examination Board approximately seven to eight weeks prior to the following examination dates: December 2, 1967; January 13, 1968; March 2, 1968; May 4, 1968; July 13, 1968.

Only properly registered candidates holding tickets of admission to the centers at which they present themselves will be admitted to the tests.

The Board will report the results of the tests to the institutions indicated on the candidates' applications. The colleges will, in turn, notify the candidates of the action taken upon their application for admission.

ACCEPTANCE

Acceptance notices will be mailed in late February. No decision will be made on a candidate who has not completed her admission forms. The committee reserves the right to withdraw acceptance if the June report from the secondary school is unsatisfactory.

ADVANCED PLACEMENT

Advanced Placement Examinations for students who have taken college-level courses in secondary schools will be offered by the College Entrance Examination Board in the spring. The Advanced Placement Examination Bulletin of Information is available at the College Board Center, Box 592, Princeton, New Jersey. The results of these tests will be used to determine eligibility for advanced placement in college courses.

EARLY DECISION PLAN

The Committee on Admissions will take action in the fall of senior year on the applications of well-qualified students who have applied to Emmanuel College as their first choice and/or only choice of college. Students should request application forms before October 15. All admission requirements, including a personal interview, should be completed before November 1.

Each applicant will be considered on the basis of the recommendation of her principal or guidance counselor, her three-year high school record, rank in class, and the results of the College Entrance Examination taken prior to senior year. Financial assistance will not be determined until February. Notification of admission under this plan will be mailed December 1. The

admitted candidate will be expected to complete her senior year satisfactorily and to submit a record of that year's work. She will not be asked to repeat any College Board examinations. She will agree to pay Emmanuel College, on or before January 1, a non-refundable deposit of \$100.00 if she is to be a resident student and \$50.00 if she is to be a day student. This deposit will reserve a place for her in the freshman class and will be credited to her second semester bill.

The candidate on whose application decision has been postponed will be given full and careful consideration in February. She will be asked to submit a record of her school work for the first half of her senior year along with the results of senior College Board tests.

ADMISSION TO ADVANCED STANDING

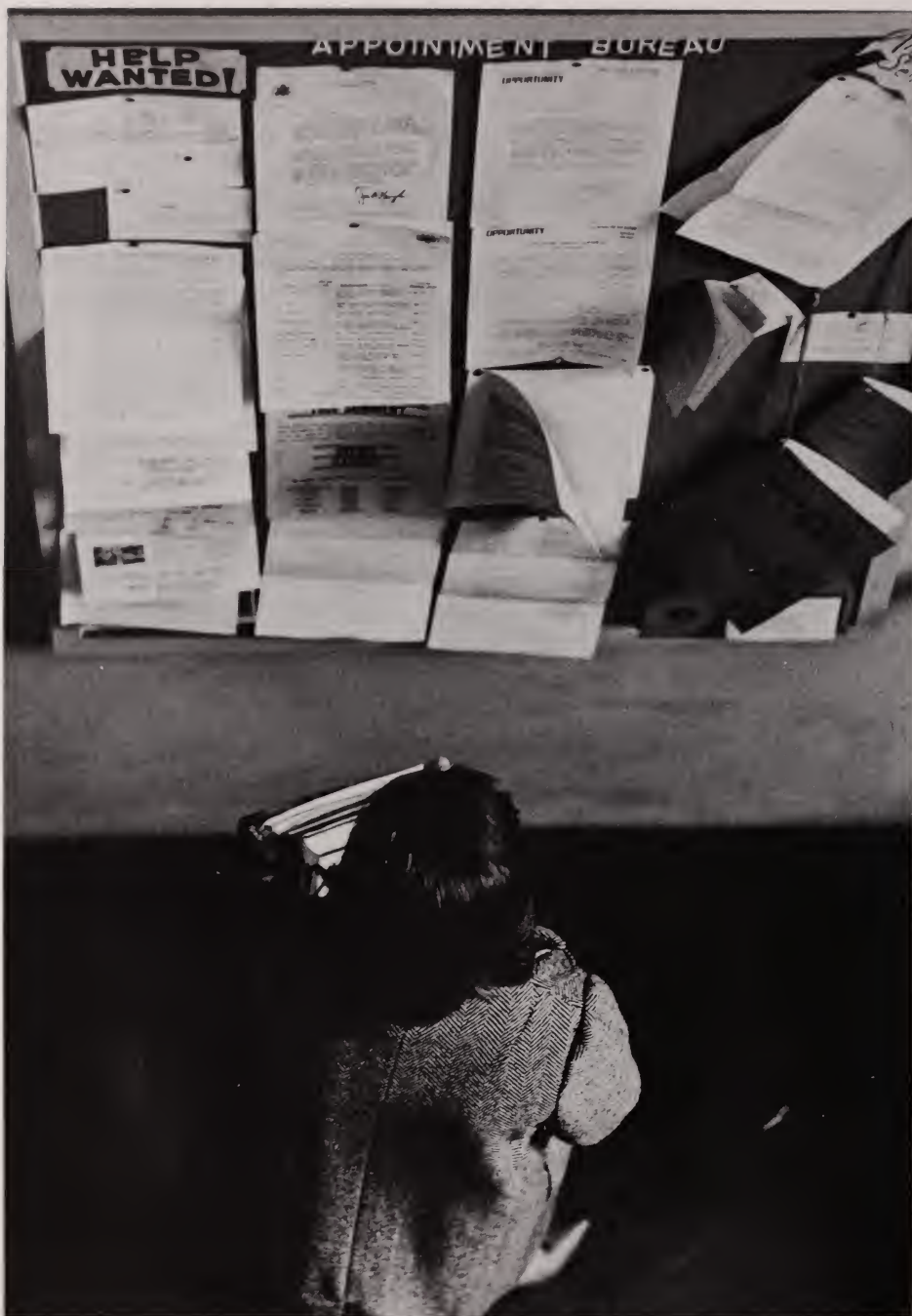
An applicant for advanced standing must have:

1. An official transcript of her secondary school record for entrance to college together with her college record.
2. Satisfactory scores in the Scholastic Aptitude and Achievement Tests of the College Entrance Examination Board.
3. A copy of the catalogue of the institution from which she desires to offer credit for advanced standing covering the years in which the credit in question was earned.
4. A recommendation from the academic dean, the dean of students, and one faculty member.

The requirements for admission to advanced standings are, in brief, as follows:

1. The requirements for admission to the freshman class.
2. Completion of 30 hours for admission to sophomore year; 60 hours for admission to junior year.
3. A record which shows good scholarship. No credit is given for courses below grade C.

The acceptance of work is provisional. In case the character of a student's resident work in any subject is such as to create doubt as to the quality of that which preceded it, the college reserves the right to revoke at any time any credit assigned, and to exact examinations in the same. The deadline for application is March 15.



SCHOLARSHIPS AND FINANCIAL AID

Loyal alumnae and friends of Emmanuel College, appreciative of the value of a Catholic college education and desirous of placing this opportunity within the reach of others, have established several scholarships and endowments. By these means students of marked intellectual ability, who could not otherwise meet the expenses of a college education, are able, after college training, to take their places as leaders.

In addition to the scholarships listed, the college awards several other scholarships and grants-in-aid each year. *These awards are open to all qualified candidates.*

SCHOLARSHIPS

The Reverend John H. Fleming Full-Tuition Scholarship, founded in 1924 by the Reverend John H. Fleming; open in 1969 to candidates resident in Dedham, Massachusetts.

The Emmanuel College Dramatic Society Full-Tuition Scholarship, founded in 1931 by the Emmanuel College Dramatic Society; open in 1969 to a graduate of any high school.

The Roxbury Academy of Notre Dame Alumnae Association Half-Tuition Scholarship, founded in 1934; open in 1970 to a graduate of the Academy of Notre Dame, Hingham.

The Emmanuel College Alumnae Association Full-Tuition Scholarship, founded in 1935; open in 1971 to a graduate of any high school.

The Notre Dame Alumnae Association Scholarship of St. James School, Salem, Massachusetts, a full-tuition scholarship, founded in 1935, in memory of their esteemed benefactors, Mr. Dennis F. Hallahan and Miss Anna Hallahan; open in 1968 to a graduate of St. James High School, Salem.

The Blessed Julie Billiard Full-Tuition Scholarship, founded in 1936 by the Trustees of Emmanuel College; open in 1968 to a graduate of any high school.

The Massachusetts Chapter of the Notre Dame de Namur Federation Scholarship, a full-tuition scholarship, founded in 1936 in memory of Sister Superior Frances of the Sacred Heart; open in 1969 to graduates of Notre Dame High Schools and Academies.

The Sister Superior Mary Borgia Full-Tuition Scholarship, founded in 1938

by the Trustees of Emmanuel College; open in 1970 to a graduate of any high school.

The Pope Pius XI Full-Tuition Scholarship, founded in 1939 by the Trustees of Emmanuel College; open in 1971 to a graduate of any high school.

The Pope Pius XII Half-Tuition Scholarship, founded in 1939 by the Trustees of Emmanuel College; open in 1971 to a graduate of any high school.

The Emmanuel League Full-Tuition Scholarship, founded in 1939 by the Emmanuel League; open in 1969 to a graduate of any high school.

Our Lady of Peace Half-Tuition Scholarship, founded in 1940 by the Trustees of Emmanuel College; open in 1968 to a graduate of any high school.

Notre Dame Half-Tuition Scholarship, founded in 1940 by the Trustees of Emmanuel College; open in 1968 to a graduate of a Notre Dame High School.

The Right Reverend John A. Degan Full-Tuition Scholarship, founded in 1940 by the Right Reverend John A. Degan; open in 1969 to a graduate of St. Mary's Grammar School, Beverly.

The Patrick Loughrey Full-Tuition Scholarship, founded in 1940 by Mrs. Patrick H. Loughrey in memory of her husband; open in 1968 to a graduate of any high school.

The Father O'Neil Memorial Full-Tuition Scholarship, founded in 1940 by the Massachusetts Catholic Order of Foresters; open in 1968 to a Forester who has been a member for one year, or to the daughter of a Forester who has been a member for one year; subject to the nomination of the Massachusetts Catholic Order of Foresters. Candidates apply to the Massachusetts Catholic Order of Foresters for permission to compete.

The Centenary Scholarship, established in 1941 by the alumnae of St. James High School, Salem, Massachusetts; open in 1971 to a graduate of St. James High School.

The Notre Dame League Half-Tuition Scholarship, founded in 1946 by the Notre Dame League of the Academy of Notre Dame, Roxbury; open in 1971 to one or more graduates of the Academy of Notre Dame, Hingham, as determined by the League.

The Sister Helen Madeleine Full-Tuition Scholarship, founded in 1950 by the Trustees of Emmanuel College; open in 1970 to a graduate of any high school.

The Epilogue Half-Tuition Scholarship, founded in 1951; open in 1968 to a graduate of any high school.

The Right Reverend Matthew J. Flaherty Full-Tuition Scholarship, founded in 1952; open in 1968 to candidates from St. Agnes Parish, Arlington, Massachusetts. Candidates from this parish should apply specifically for this scholarship before February 1, and should offer evidence of their eligibility. If



there are no candidates from St. Agnes Parish, the scholarship will be awarded in general competition.

The Right Reverend Matthew J. Flaherty Half-Tuition Scholarship, founded in 1952; open in 1969 to a graduate of any high school.

The Sister Mary Isabelle Full-Tuition Scholarship, founded in 1961; open in 1969 to a graduate of any high school.

The Sister Superior Augusta, S. H., Full-Tuition Scholarship, founded in 1953; open in 1969 to a graduate of any high school.

The Fox Scholarship, founded in 1954 in memory of Margaret G. Fox of Needham; the extent of scholarship assistance will be regulated by the financial need of the candidates. These scholarships are available annually.

The Sister Marie Carmel Scholarship, established in 1962; open each year to graduates of the Academy of Notre Dame, Hingham.

The Right Reverend E. Joseph Burke Scholarship, established in 1965; open each year to graduates of St. Mary's High School, Cambridge.

APPLICATION FOR SCHOLARSHIPS

Students who desire to apply for scholarships should indicate on their application for admission that they wish to be considered for financial assistance.

Emmanuel College participates in the College Scholarship Service (CSS) of the College Entrance Examination Board. The amount of financial aid granted to students is based on individual needs as determined by the CSS and the participating college. By February 1, entering students seeking financial assistance are required to submit a copy of the Parents' Confidential Statement (PCS) form to the College Scholarship Service, designating Emmanuel College as one of the recipients. The PCS form may be obtained from a secondary school or the College Scholarship Service, P.O. Box 176, Princeton, New Jersey 08540.

The secondary school record should show that at the end of a four-year course the candidate will have completed the requirements for admission stated on page 11 of this catalogue. If marks for the current year are not available, subjects should be listed.

Scholarship awards will be mailed in late February. *Scholarship holders must maintain an average of B in order to qualify for renewal of scholarship.*



ENDOWMENTS

An endowment of \$35,000 will establish one "full scholarship," covering tuition for the entire course of four years.

An endowment of \$17,500 will establish one "half scholarship," covering one half the cost of tuition for the entire course of four years, leaving the other half to be borne by the student.

An endowment of any other amount destined for the assistance of a deserving student is classed as a "partial scholarship," and, under such conditions as may be indicated by the benefactor, the annual interest of such fund is applied for one or more years toward the college expenses of the student to whom such partial scholarship is assigned.



ADDITIONAL SOURCES OF FINANCIAL AID

College Work-Study: A Program of Employment

Students, particularly those from low-income families who need work to help pay for college expenses, are eligible for employment by the college under a federally supported program. They may work up to 15 hours weekly while attending classes full time. In general, the basic pay rate is \$1.50 an hour. To work under this program, a student must be enrolled and be in good standing, or be accepted for enrollment as a full-time student. The applicant's eligibility depends upon her need for employment to defray college expenses.

The college also sponsors a student-aid program whereby students may work as aides in the library, offices and science laboratories. The money thus earned is deducted from the tuition charges. Freshmen are not encouraged to do student-aid work during the first semester.





Educational Opportunity Grants: A Program of Direct Awards

Students with exceptional financial need who show academic or creative promise are potentially eligible to receive an Opportunity Grant for each year of their higher education. Grants range from \$200 to \$800 a year, and can be no more than one half of the total aid given the student. The amount of financial assistance a student may receive depends upon her need as determined by the Parents' Confidential Statement.

National Defense Education Act loans are available to Emmanuel College students. Application for these loans should be made through the college. These loans carry no interest while the student is in college, although interest on the loan begins to accrue nine months after the date when the borrower ceases to be a full-time student. The Act provides that the repayment of the principal of the loan, together with accrued interest thereon, shall be made to the institution over a ten-year period beginning one year after the date when the borrower ceases to be a full-time student, and ending eleven years after such date.

Candidates for all financial aid programs should file a Parents' Confidential Statement with the College Scholarship Service of the College Entrance Examination Board before February 1.

The Tuition Plan. Under this deferred payment system, the annual expenses may be spread over the entire academic year. Pamphlets will be furnished upon request.



CURRICULUM

Emmanuel College confers the Bachelor of Arts, Bachelor of Fine Arts, Master of Arts, and Master of Education degrees.

BACHELOR OF ARTS DEGREE

For the Bachelor of Arts degree 128 semester hours are required. At the end of the freshman year a choice is made of a field of concentration from among the following: art, economics, English, a foreign language, history and government, Latin, mathematics, music, psychology, science (biology, chemistry, physics), sociology, teacher education. Requirements for concentration in each of these areas can be found in the COURSE OF STUDY section.

In addition, each student follows the core curriculum indicated below:

<i>Freshman Year</i>		<i>Sophomore Year</i>	
	Credits		Credits
English	6	Philosophy	3
Foreign language	6	Theology	3
Science	8	English	6
Western Culture	3	<i>Junior Year</i>	
Theology	3	Philosophy	3
Elective	6	Theology	3
Physical education	—	<i>Senior Year</i>	
		Theology	3
		Philosophy of Science or Western Culture	3

All students must pass a special reading examination in a foreign language by the end of second semester of junior year.

PREMEDICAL PROGRAM

The admission requirements of medical schools are to some degree standardized by the Association of American Medical Colleges. Ordinarily these requirements are met by taking a major in chemistry. Since candidates must offer certain specified courses for admission to some schools of medicine, a student who enters the premedical program should present to her adviser

a catalogue of the medical school of her choice so that her undergraduate courses may be chosen to conform to the requirements of the professional school she hopes to enter.

TEACHER EDUCATION PROGRAM

The teacher education program is designed to enrich the personal life of the student through a well-integrated curriculum which stresses the liberal arts and prepares the prospective teacher to meet classroom situations and problems. In addition to courses in general education and professional subjects, provision is made for an area of concentration on the elementary as well as the secondary level.

A student preparing for elementary school teaching majors in teacher education and chooses an academic area as a related field, in which she is required to complete at least 24 semester hours. Requirements for secondary education are met by majoring in an academic area and relating teacher education.

For further details of this program, see the requirements for major work set by the several departments.

BACHELOR OF FINE ARTS DEGREE

A candidate for this degree must complete at least 64 credits in studio art courses in addition to the requirements for the BA degree.

EXAMINATIONS, STANDING, AND RECORDS

Midyear and final examinations are held each year. Seniors take comprehensive examinations in May in the field of concentration.

A fee of \$5 is charged for each semester examination taken out of the specified time. A fee of \$1 is charged for all other examinations taken out of specified time.

No student will be admitted to a special examination without a receipt from the Academic Dean.

For prescribed and elective courses the passing mark is D.

Students must reach a passing mark (D) in examinations and a semester average of C+ in any course counting as major work; a semester average of C is required in any course counting as a related subject.

Failures may be made up only by repeating the course in which the failure occurred, or, with the chairman's permission, by offering a substitute course in the same department. In the case of failure in an elective subject, the Academic Dean provides a substitute course.

No student will be permitted to pass to a higher class who has been "on probation" for two successive semesters.

No more than six semester hours in D may be counted in any one semester toward the 128 semester hours that are required for the Bachelor's degree.

An undergraduate student who withdraws from the college is (a) *in good standing*, or (b) *on probation*, or (c) *dropped*, for poor scholarship, or (d) *dismissed*, for misconduct:

- (a) A student *in good standing* is entitled to honorable dismissal in every sense of the term. Formal application for withdrawal must be made to the Registrar and permission granted by the Dean and the Treasurer before a student leaves the college. No remission of fees is allowed students who do not officially withdraw, nor is any official transcript issued.
- (b) A student is *on probation* (i) if she has not removed her entrance conditions, or (ii) if she fails to attain a semester grade of C in at least nine semester hours.
- (c) A student is *dropped* by rule if in two semesters she has failed to attain a grade of C in one half of her prescribed number of hours. A student may be dropped for very poor scholarship in any one semester. Such a student may not continue her course at Emmanuel College, but the college will interpose no objections to her admission to any other school.



- (d) A student is *dismissed* for disciplinary reasons only. A student may be asked to withdraw from the college if, in the opinion of the administration, it would be better that she not remain at Emmanuel. No reason need be given.

Upon withdrawal, official notification must be made to the business office. Refund of payment for tuition or room will be made according to the following scale: withdrawal within the first two weeks—80% refund; withdrawal within the third week—60% refund; withdrawal within the fourth week—40% refund; withdrawal within the fifth week—20% refund. After five weeks no refund will be made. In case of suspension or expulsion, no refund will be made.

At the end of the sophomore year all records are examined to determine students' fitness to continue the college course. Those whose cumulative average is 1.0 (C) or above are then permitted to remain in the college.

Twice a year an official report is sent to the student. This report contains the record of the student's semester averages and a statement of any deficiencies.

Freshmen may receive their grades at the office of the Dean of Freshmen at the middle of each semester.

The fee for each transcript of a student's record, except the first, is \$1. Such transcripts will not be issued in Freshman Week, in examination periods, or in Commencement Week.

ELIGIBILITY FOR ACTIVITIES

In order to be eligible to hold office, to be a delegate or a representative of any college organization or a chairman of a committee, or to serve on any college publication, a student must have had an average of C+ in the previous semester, with physical education requirements completed.

STANDARD FOR GRADUATION

For graduation a certain quality grade is required. This is determined by giving numerical values to the grade letters as follows: for grade A, four points for each semester hour of the course in which the grade is received; for grade B, three points; for grade C, two points; for grade D (passing), one point; for grade E (incomplete), no points; for grade F (failure), no points. The credit ratio is the ratio of the total number of quality points earned to the semester hours carried. In order to be recommended for the degree of Bachelor of Arts the student must attain a credit ratio of two in each semester.

HONORS AT GRADUATION

Students whose grades for all courses completed at Emmanuel College indicate distinction and achievement are granted their Bachelor degrees *cum laude*, *magna cum laude* or *summa cum laude*.

The degree is awarded: (1) with distinction (*cum laude*) — A in major courses (or A average in major courses in one semester) in each semester of junior and senior years with no mark below B in any course in eight semesters; (2) with high distinction (*magna cum laude*) — A in major courses in each semester of junior and senior years with no mark below B+ in any course in eight semesters; and (3) with highest distinction (*summa cum laude*) — A in every course.

Students whose work in their major fields during the junior and senior years is of excellent quality are granted their degrees with *Distinction in the Field of Concentration*.

Students graduating from Emmanuel College with an honor degree are eligible to membership in Kappa Gamma Pi, the National Honor Society, organized in 1927 for graduates of Women's Catholic Colleges in the United States, and in Delta Epsilon Sigma, organized in 1940.

DIVISION OF GRADUATE STUDY

Foreign Language Programs

Russian Language and Area Center — Director, Sister Marie Margarita, Ph.D. Graduate study leading to the degree of Master of Arts upon successful completion of 30 credits of course work, in addition to a public appearance in a Russian program embodying personal research.

Foreign Study Center in Paris — Director, Sister Julie, Ph.D. A fifth year of study leading to a Master of Arts degree in French. Students must follow the equivalent of 30 credit hours in areas of French language, literature, and/or culture at the Sorbonne, the Institut Catholique de Paris or at any other Institute approved by the director.

Foreign Study Center in Madrid — Director, Sister Margaret Pauline, Ph.D. A program of study leading to a Master of Arts degree in Spanish involving the equivalent of 30 credit hours of course work at the University of Madrid, as well as literature and civilization courses conducted by affiliate members of the Emmanuel College faculty in Madrid.

Master of Education Program — Evening Division

A program of 30 semester hours offering preparation for teaching in elementary schools, open to teachers in service as well as to graduates

of liberal arts colleges who have not had adequate preparation for the teaching profession.

Special Programs in Liberal Arts — Evening Division

Graduate courses for intellectual enrichment and personal development in the fine arts, humanities, natural and social sciences.

COOPERATIVE PROGRAM WITH SIMMONS COLLEGE

Within recent years Emmanuel College has undertaken a program of inter-institutional cooperation with Simmons College, a private nonsectarian institution whose campus adjoins that of Emmanuel. This program has resulted in the expansion and enrichment of the curriculum and facilities of both colleges. The most significant aspects of the cooperative venture have affected the library facilities and the course of studies. Faculty and students of Emmanuel and of Simmons have full library privileges at the neighboring institution. It is also possible for students of either college to follow certain courses at the other institution with the approval of both academic deans.

STUDENT LOAD

The normal class load is 16 hours; the minimum is 14 hours for seniors (provided the total number will equal the 128 credits required for a degree); the maximum for all students is 18 hours. Each regularly enrolled student is expected to carry a full-time student load each semester. To carry less than 14 or more than 16 hours, the student must have the permission of the Academic Dean.

ABSENCES

Absences incurred because of illness or other grave reasons will be evaluated by members of the Academic Board, who will recommend to the Academic Dean the action to be taken. A student who has been absent from a course for five weeks, even for serious illness, receives no credit for the course.

STUDENTS

The student body of Emmanuel College numbers approximately 1400 members of which one half are in residence while the remaining students commute from Boston and the surrounding areas. In addition to the academic life, which is the *raison d'être* of the college, Emmanuel offers its students a rich extracurricular program, designed to put at the disposal of each student opportunities for her unique growth in maturity and in grace.



SPIRITUAL LIFE

The spirit of the Second Vatican Council permeates the spiritual life of the campus as is evidenced by the newly formed liturgical commission, composed of students and faculty, which strives to make the daily celebration of the liturgy on campus the heart and dynamism of the Emmanuel community. Although attendance at religious services is on a voluntary basis, students are encouraged to share in the Eucharistic Sacrifice and in the paraliturgical life on campus. In addition, there are many opportunities on the one hand for participation in formal and informal discussion groups which explore the current problems of Christian life and thought, and on the other, for volunteer service of various kinds, including work as aides in the many nearby hospitals or in CCD and tutorial programs in the inner city.

STUDENT GOVERNMENT ASSOCIATION

The Student Government Association, of which all students of Emmanuel are members, was organized to foster a spirit of cooperation between faculty and students in the best interests of the college. It is designed to aid students assume individual responsibility, to encourage mutual consideration of indi-

vidual and communal rights, to exercise control over student conduct, and to direct the social life of the campus. The various subcommittees of the Association — the religious activities committee, the academic advisory committee, the honor committee, the cultural committee, the social committee — are focal points of these aspects of the life of the college.

HONOR SYSTEM

Emmanuel students subscribe to an Honor System, governing academic and social life, in order to maintain the highest standards of personal integrity and communal responsibility. At the beginning of the academic year, students and faculty pledge their support to the principles and regulations of the Honor System, as defined by the Student Government Association, and their mutual confidence in one another.

This concept implies the acceptance by each student of a two-fold obligation: first, the obligation to conform in conduct to the Emmanuel standards; second, the obligation to cooperate in helping others to attain and uphold these standards. Both obligations are equally binding.

CULTURAL LIFE

The Sister Helen Madeleine Lecture Series and the Student Government Cultural Series bring to the Emmanuel campus annually several noted lecturers and artists as guests of the college. All such events are open, without admission fee, to members of the college community, and frequently to the local community as well. The Choral Society and the Dramatic Society present several public performances during the college year for the students and friends of the college. For those interested in the study of cinema as an art form, the Cinema Club each year sponsors a series of art films followed by student-faculty discussions. In addition to these general groups, many departments have organized clubs for those with more specialized interests.

COLLEGE PUBLICATIONS

<i>College Catalogue</i>	Annual
<i>Focus</i>	Bi-weekly Newspaper
<i>Epilogue</i>	The College Yearbook
<i>Ethos</i>	The Literary Magazine
<i>Student Handbook</i>	Regulations for Student Body
<i>Alumnae Magazine</i>	Annual

STUDENT GUIDANCE AND COUNSELING SERVICES

The college advisory system aims to help the student to discover her own aptitudes and capacities and to select the program of studies that will develop her powers and enable her best to serve her community after graduation. The administrative officers with the assistance of faculty advisers assist the students in planning their programs and are ready at all times to confer with them when problems arise concerning their work.

The college provides in addition a Counseling and Testing Office which makes available to students the following services: (a) information through testing about their potential in the areas of interests, aptitudes, and personality development; (b) counseling following the testing program so that the information obtained may be utilized profitably; (c) counseling for students wishing help in current problems or in discussing future plans.

The college also has available the services of a counseling psychologist and a psychiatrist.

THE PLACEMENT BUREAU

The Placement Bureau was established by the Alumnae Association of the College in 1937. The functions of the Bureau are:

- (a) to assist students to explore vocational opportunities and to understand the requirements and the training needed in each;
- (b) to help students to make a wise choice and to secure adequate preparation for a potential career;
- (c) to direct students, whenever possible, to specific openings in the field of their choice.







COURSES OF STUDY



ART

Sister Marie Virginia, A.M., *Chairman*
Sister Gertrude Magdalene, A.M.
Mary Reardon, A.B., B.F.A.
Sister Vincent de Paul, A.B., M.F.A.
Robert Amendola, B.F.A., F.A.A.D.
Joan Nelson, A.B., B.F.A.
Sister Michael Raymond, A.B., B.F.A.

Requirements for concentration: 30 semester hours in the major subject; 18 semester hours in related subjects, to be chosen from the following: history, education, painting, sculpture, graphics. Students desiring the B.F.A. degree return for a fifth year to complete requirements for this degree.

Required courses: Art 209-210, 305-306, 339-340, 411-412.

The department requires each major student to present in partial fulfillment of degree requirements an executed thesis involving not less than thirty hours of independent work. If the student is majoring in Art History, a public lecture in her specialized field is required together with a written or oral comprehensive examination.

HISTORICAL COURSES

- *211. ANCIENT ART IN THE WEST The origin and development of the visual arts in the West: Prehistoric, Egyptian, Mesopotamian, Greek and Roman art. Emphasis is placed on Greek architecture, sculpture and painting.

Three credits one semester.

- *212. MEDIEVAL ART A survey of architecture, sculpture, and painting in Eastern and Western Europe from Early Christian through Byzantine, Carolingian, Romanesque, and Gothic. The development and interrelation of the arts are studied as aesthetic and cultural expressions of their times.

Three credits one semester.

- *235-236. FRENCH ART The development of architecture, sculpture and painting in France from the Early Medieval Period to the present day. Lectures focus on the specific character of French art in relation to other manifestations of French culture and contemporary European trends.

Three credits each semester.

- *237. EARLY RENAISSANCE IN ITALY After a brief survey of Medieval Italian art, the Masters (Pisanos, Duccio, Giotto) whose work significantly influenced the rise of the Italian Renaissance are studied. The greater part of the course is devoted to the Florentine School of the fifteenth century.

Three credits one semester.

* Offered 1968-69.

- *238. HIGH RENAISSANCE AND MANNERISM The formation of the classical style by Leonardo, Michelangelo and Raphael in Central Italy; and by Giorgione and Titian in Venice; and its dissolution into Mannerism with the works of Pontormo, Parmigianino, Tintoretto and Michelangelo.

Three credits one semester.

- 377-378. BAROQUE ART The history and analysis of the Baroque and Rococo styles in the architecture, sculpture and painting of the seventeenth and eighteenth centuries. A study of the significance of these styles in general and of their modifications by the historical situations peculiar to various countries. Characteristic personalities (Caravaggio, Bernini, Rubens, Rembrandt, Poussin, Velasquez) receive more detailed treatment.

Sister Marie Virginia

Three credits each semester.

- *380 ORIENTAL ART SEMINAR A survey of the arts of the Near and Far East (Persia, India, China, Japan). The outstanding monuments of architecture, sculpture and painting are studied with relation to historical and cultural setting.

Three credits one semester.

- 383-384. AMERICAN ART Selected examples of architecture, sculpture, and painting in the United States from the Colonial Period to the present are studied in relation to developments in Europe and social and technological changes in America. Illustrated lectures are supplemented by museum and field trips.

Mrs. Nelson

Two credits each semester.

- 401-402. MODERN ART The development of the arts in Europe and America from the French Revolution to the present day. The course emphasizes several major figures of the nineteenth century in order to provide the background necessary for understanding recent national and international movements and figures of contemporary art.

Sister Marie Virginia

Two credits each semester.

- 403-404. GREAT PAINTERS The paintings and drawings of Giotto, Leonardo, Botticelli, Raphael, Titian, Tintoretto, Van der Weyden, Rembrandt, El Greco, Velasquez, Goya, Manet, Renoir, and Van Gogh.

Mrs. Nelson

Two credits each semester.

- *407-408. GREAT PAINTINGS OF THE WESTERN WORLD Analysis and appreciation of great paintings in both American and European museums.

Two credits each semester.

- *431. SEMINAR IN LITERARY SOURCES OF ART HISTORY Analysis and evaluation of some of the most significant art writers and critics from Pliny the Elder to Baudelaire. Discussion of corresponding art periods. Open to junior and senior art majors.

Three credits first semester.

STUDIO COURSES

- 115-116. BASIC DRAWING Introduction to visual language. An intensive course in drawing, including perspective, planned to develop facility and discrimination in seeing and knowing through a study of form, structure and movement in life, nature and various objects. Two hours lecture. Two hours laboratory each semester.

Sister Marie Virginia

Three credits each semester.

- 205-206. DRAWING AND PAINTING Problems in the graphic communication of ideas and concepts. Use of varied media in recording or interpreting visual experience. Study of growth, texture, structure and form in nature. For non-majors. Four hours laboratory each semester.

Mrs. Nelson

Two credits each semester.

* Offered 1968-1969.

- 209-210. **DESIGN AND COMPOSITION** Experimental study of the function of line, area, form, space, motion, and color in creative painting. Analysis of these fundamentals in works of the Masters. Development of an awareness of sources of design in nature and environment and the need of skill and imagination in realizing these potentials. Various media. Six hours laboratory each semester.
Sister Vincent de Paul *Three credits each semester.*
- *219-220. **WATER COLOR TECHNIQUES** Casein. Emphasis on structure and composition. Field trips. Six hours laboratory each semester.
Three credits each semester.
- 241-242. **CALLIGRAPHY** History and sources of letters. Study of Roman, Gothic, and uncials. Manuscript writing and illuminating; book designing. Four hours laboratory each semester.
Sister Michael Raymond *Two credits each semester.*
- 245-246. **ILLUSTRATION** Survey of the history of illustration. Introduction to reproduction processes. Problems in various media for books, magazines, newspapers. Emphasis on imaginative creativity. Six hours laboratory each semester.
Sister Vincent de Paul *Three credits each semester.*
- 305-306. **ADVANCED PAINTING, MEDIA, AND TECHNIQUES** Advanced composition, oil, oil tempera, underpainted oil, egg tempera, gouache, casein, acrylic; the experimental approach. Prerequisites, Art 209. Six hours laboratory each semester.
Miss Reardon *Three credits each semester.*
- 307-308. **ADVANCED DRAWING AND PAINTING** Non-major course which continues 205-206. Oils, watercolor, casein techniques. Six hours laboratory each semester.
Mrs. Nelson *Three credits each semester.*
- *309-310. **ADVANCED PAINTING AND COMPOSITION** Portrait, figure painting, anatomy. Six hours laboratory each semester.
Three credits each semester.
316. **ART EDUCATION — ELEMENTARY METHODS** A course dealing with the methods and techniques of teaching art, design, and craft work in the elementary school. Two hours lecture. Two hours laboratory one semester.
Mrs. Nelson *Three credits one semester.*
317. **CRAFTS AND DESIGN** Introduction to weaving, ceramics, textile designing, carving, enameling, and print methods as used in elementary and secondary schools. Problems in design as related to the craft or technique studied. One hour lecture. Two hours laboratory one semester.
Mrs. Nelson *Two credits one semester.*
318. **ART EDUCATION — SECONDARY METHODS** A course dealing with objectives, methods and techniques of teaching art, design, and crafts in the junior and senior high school. Two hours lecture. Two hours laboratory, one semester.
Sister Vincent de Paul *Three credits one semester.*
- 319-320. **SCULPTURE I** Study of the essentials of three dimension expression. Experience with additive and subtractive methods, working in wood, plaster, cement, metal, slate, and ceramics. Care and use of tools, kilns, and machines. Four hours laboratory each semester.
Mr. Amendola *Two credits each semester.*
- 335-336. **CERAMICS AND ENAMELING** A study of ceramic processes, materials, clays, glazes, and kiln procedures. Problems in experience with techniques of slab, coil, and wheel-thrown pieces. Introduction to enameling on copper and silver. Survey of historical background and development of these crafts.
Sister Michael Raymond *Three credits each semester.*

* Offered 1968-1969.

- 339-340. LIFE DRAWING I Graphic study of the human figure. Study of the exterior planes and contours of the figure as affected by the inner structure of bone and muscle. Exercises to develop quick observation and retentive memory. Six hours laboratory each semester.
Miss Reardon *Three credits each semester.*
- 411-412. MAJOR COMPOSITION A senior course; the production of creative works in a chosen medium, of sufficient importance in idea and size as to be considered a student's major work, comparable to a thesis in literature. First-half year emphasis is on requirements of religious art for churches or private use. Second-half year: major creative production. Five hours laboratory each semester.
Sister Vincent de Paul *Three credits each semester.*
- *417. SEMINAR IN DYNAMICS OF VISION, COLOR, AND SPACE Studio projects and reports. A study of contemporary trends. Four hours one semester.
Two credits one semester.
- 419-420. SCULPTURE II Theory and practice of sculpture composition in relief and in the round. Processes involved in making and casting molds. Prerequisite, Art 319. Four hours laboratory each semester.
Mr. Amendola *Two credits each semester.*
- 425-426. GRAPHICS History and development of print processes. Experience with various hand processes: etching, block-printing, wood engraving. Composition and design considered with regard to the limitations of the specific process. Four hours laboratory each semester.
Sister Michael Raymond *Two credits each semester.*

FIFTH YEAR PROGRAM

The department offers Fifth Year students electives in the 300-400 courses to complete sixty-four credits in studio prerequisite for the B.F.A. degree. B.F.A. students must spend at least twenty hours weekly in the college studios. Here the student has the criticism and help of the respective faculty members under whom she is working for a degree and yet she is quite independent as to selection of problems, media and procedure. The department offers directed study in the following:

- 409-410. ADVANCED CREATIVE PAINTING AND PICTORIAL DESIGN Individual problems, choice of medium.
Members of the Department *Four credits each semester.*
- 427-428. SCULPTURAL DRAWING Drawing from life, memory, and imagination oriented to the structural problems of the sculptor. Emphasis on composition and organic units.
Sister Vincent de Paul *Four credits each semester.*
- 429-430. LIFE DRAWING II Open to B.F.A. degree students. Drawing and painting the figure. Analysis of structure. Composition with figures. Study of the compositions and drawings of the great Masters.
Prerequisite, Art 339-340.
Miss Reardon *Four credits each semester*

* Offered 1968-1969.

433-434. ADVANCED STUDIO PROJECTS Projects concerned with professional solutions to contemporary design problems. Problems calculated to develop individuality as indicated by personal preferences.

Members of the Department

Four credits each semester.

435-436. SCULPTURAL PROJECTS Open to B.F.A. degree students. Individual problems in sculptural composition related to specific architectural or landscape settings. Plans and renderings required for projects. Traditional and new techniques.

Sister Vincent de Paul

Four credits each semester.

449-450. GRADUATE WORKSHOP IN RELIGIOUS ART The media and studies in more advanced processes: true fresco mosaics, egg tempera, metal, and ceramics. Working drawings from initial sketches to full size. Traditional and experimental media either in painting or sculpture. Study of liturgical canon and requirements; problems of acceptance in parishes. A professional grade workshop.

Members of the Department

Three credits each semester.



BIOLOGY

Sister Mary St. John, M.S., Ph.D., *Chairman*

Sister Mary Camilla, M.S., Ph.D.

Diane M. Pitochelli, A.B., A.M.

Arthur G. Johanningsmeier, M.S., Ph.D.

Helen M. Frawley, M.S., Cand. Ph.D.

Donald Procaccini, M.S., Ph.D.

Margaret Sheehan, M.A.

Richard Wainwright Thorington, Jr., M.A., Ph.D.

Requirements for concentration: 30 semester hours, exclusive of freshman courses, in the major subject; 18 semester hours in related subjects, chosen from the fields of chemistry, physics, and mathematics.

Required courses: Biology 102 or equivalent, 214, 301, 402 or 425, 405; Chemistry 103-104, 303-304.

Recommended: Physics 105-106; Mathematics 107-108.

101. GENERAL BOTANY Biochemical and hereditary factors, structure and function of plants. Laboratory work includes a study of the major plant groups in the phylogenetic series with some physiological experiments. Three hours lecture, two hours laboratory, one semester. Members of the Department *Four credits one semester.*

102. GENERAL ZOOLOGY A study of animal life including the morphology, development, relations, behavior and economic importance of representative phyla; dissection, genetic studies, and physiological experiments. Three hours lecture, two hours laboratory, one semester. Members of the Department *Four credits each semester.*

109-110. PRINCIPLES OF BIOLOGY For the non-science major. Origin and evolution of organic matter including plant and animal kingdoms. Principles of heredity and ecology. Study of man as a living organism within the biome. Three hours lecture, two hours laboratory, each semester. Members of the Department *Four credits each semester.*

111-112. MOLECULAR AND CELLULAR BIOLOGY An intensive introductory study of cellular organization including metabolic cycles, levels of organization and energy transformation. Course also introduces the student to biophysical principles. (Open to a limited number of qualified freshmen.) Two hours lecture, four hours laboratory, each semester. Dr. Procaccini *Four credits each semester.*

213-214. COMPARATIVE MORPHOLOGY OF THE VERTEBRATES A course in the anatomy, development, and evolution of representative vertebrate forms. Prerequisite, Biology 102 or equivalent. Two hours lecture, four hours laboratory, each semester. Dr. Thorington *Four credits each semester.*

221-222. HUMAN ANATOMY AND PHYSIOLOGY Survey of the systems in man, with detailed study of the nervous system, sense organs, and endocrine glands. Prerequisite, Biology 102. Two hours lecture, two hours laboratory, each semester. Mrs. Frawley *Three credits each semester.*

- *223. **INVERTEBRATE ZOOLOGY** Anatomy, development, phylogeny of invertebrates. Prerequisite, Biology 102 or equivalent. Two hours lecture, four hours laboratory, one semester.
Mrs. Frawley *Four credits one semester.*
301. **MICROBIOLOGY** A study of microorganisms including bacteria, molds, and viruses. Course encompasses fundamental structure and physiology, as well as recent concepts in bacterial and viral genetics, pathogenicity, microbial control and immunity. Prerequisites, Biology 101-102 or equivalent, 321 and Chemistry 103-104. Two hours lecture, four hours laboratory, one semester.
Miss Pitochelli *Four credits one semester.*
- *307. **GENETICS** A study of the fundamental principles of heredity based on the work of Mendel and other investigators with experimental verification of some of these principles. The areas studied include probability, Chi square, effects of atomic and ultra-violet radiation, chemomutagens, population genetics, DNA and RNA synthesis. Prerequisites, Biology 102 or equivalent, 321 and Chemistry 103-104.
Three credits one semester.
312. **MICROTECHNIQUE** Theory and practice in preparing materials for microscopic study. Open to students doing major work in biology. Prerequisites, Biology 214 and Chemistry 103-104. One hour lecture, four hours laboratory, one semester.
Sister Mary St. John *Three credits one semester.*
316. **ECOLOGY** A consideration of the interrelations of plants and animals and their environment. Prerequisite, Biology 101-102 or equivalent.
Sister Mary Camilla *Three credits one semester.*
- *317. **PHYTOGEOGRAPHY** A study of the origin, distribution, adaptation and association of plants. Prerequisites, Biology 101-102 or equivalent. Field trips to be arranged.
Three credits one semester.
321. **SELECTED TOPICS IN BIOCHEMISTRY** A comprehensive treatment of compounds of current biochemical interest with stress on aspects encountered in plant and animal physiology, chemical genetics and cytology. Topics covered include proteins, carbohydrates, fats, enzymes, biological oxidation, and metabolism.
Sister Mary Camilla *Three credits one semester.*
322. **MOLECULAR EMBRYOLOGY** Contemporary theories of morphogenesis, nuclear-cytoplasmic relationships, and the underlying molecular and bio-physical bases for cell development and differentiation. Laboratory includes organelle identification, histochemistry, and experimental techniques. Designed to complement Biology 425. Prerequisite, Biology 425. Two hours lecture, two hours laboratory, one semester.
Dr. Procaccini *Three credits one semester.*
- *323. **PLANT MORPHOLOGY** Studies in phylogeny, classification, life-cycle patterns and structure of plants. Three hours lecture, two hours laboratory, one semester.
Four credits first semester.
- *324. **PLANT PHYSIOLOGY** Principles of photosynthesis, respiration, translocation, and the role of essential elements in plants. Three hours lecture, two hours laboratory, one semester.
Four credits second semester.

* Offered 1968-1969.



402. **PHYSIOLOGY** A study of physiology of the central nervous system, the sense organs, the muscular system, the circulatory system, the respiratory system, and metabolism. Prerequisites, Biology 213-214 and Chemistry 103-104. Two hours lecture, four hours laboratory, one semester.
Sister Mary St. John *Four credits one semester.*
405. **HISTOLOGY** A study of the histological structure of cells, tissues, and organs of vertebrates. Prerequisite, Biology 214. Two hours lecture, four hours laboratory, one semester.
Miss Pitochelli *Four credits one semester.*
407. **SEMINAR** Reports and discussion on current topics of biological interest.
Sister Mary St. John *One credit one semester.*
409. **METHODS IN BIOLOGY**
Sister Mary St. John *Three credits one semester.*
419. **CYTOLOGY** The study of the morphology and physiology of cells by light microscopy, phase microscopy, and laboratory experience in histochemical and cytochemical techniques. Prerequisites, Biology 405, Chemistry 103-104.
Mrs. Frawley *Three credits one semester.*
- 421-422. **PROBLEMS IN BIOLOGY** Introduction to original research. Open to a limited number of qualified students.
Members of the Department *Credits and hours arranged.*
423. **RESEARCH IN CYTOLOGY** Open to a limited number of qualified students.
Mrs. Frawley *Credits and hours arranged.*
425. **CELL PHYSIOLOGY** The colloidal nature of the cytoplasm, cell organelles, active transport, cell potentials, enzyme kinetics, and the bio-regulation of the "steady state." Intensive experimental laboratory investigating cellular functioning. Prerequisites, Biology 301 or 312; Chemistry 303-304 or Biology 321. Two hours lecture, four hours laboratory, one semester.
Dr. Procaccini *Four credits one semester.*

CHEMISTRY

Sister Magdalen Julie, M.S., *Chairman*

†Sister Mary John, M.S., Ph.D.

Rose Irma Lynch, M.S.

Sister Mary St. Dorothy, M.S., Ph.D.

Sister Marie St. Laurence, M.S.

Requirements for concentration: 30 semester hours in the major field exclusive of freshman courses; 18 semester hours in related subjects chosen from the fields of mathematics, physics, or biology.

Required courses: Chemistry 103, 104, 301, 302, 305, 402, 411, 412, 451; Mathematics 109, 110, 209, 210; at least one year of physics.

103-104. FUNDAMENTALS OF CHEMISTRY A solid foundation in the principles of chemistry, the nature of substances, the laws governing changes in matter and energy and the theories and concepts which help to explain them. Laboratory stresses methods of quantitation, thermometric, calorimetric, volumetric and some gravimetric procedures; selected methods of separation and purification. Three hours lecture, three hours laboratory, each semester.
Sister Marie St. Laurence, Miss Lynch *Four credits each semester.*

301-302. ORGANIC CHEMISTRY Structural theory applied to the study of compounds of carbon, their physical and chemical properties; a study of reaction rates and mechanisms; an introduction to organic synthesis and to the spectrometric identification of organic compounds. Prescribed for sophomore majors. Prerequisite, Chemistry 104. Three hours lecture, four hours laboratory, each semester.
Sister Magdalen Julie, Sister Mary St. Dorothy, Miss Lynch *Four credits each semester.*

303-304. ORGANIC CHEMISTRY A basic course in the chemistry of carbon compounds designed to meet the needs of students majoring in biology. Open to non-majors who have completed Chemistry 104. Three hours lecture, three hours laboratory each semester.
Sister Marie St. Laurence *Four credits each semester.*

*305. QUANTITATIVE ANALYSIS Prescribed for juniors majoring in chemistry. Two hours lecture, one hour problem session, seven hours laboratory, first semester.
Five credits one semester.

306. ANALYTICAL METHODS Introduction to quantitative methods of analysis with particular reference to the needs of students majoring in biology. Open to non-majors. Prerequisites, Chemistry 104, 304. Two hours lecture, four hours laboratory, one semester.
Miss Lynch *Three credits one semester.*

401. QUALITATIVE ORGANIC ANALYSIS A systematic study of the identification of typical organic compounds and of the separation of mixtures; some emphasis on the determination and interpretation of infrared spectra. Prerequisite, Chemistry 302. One hour lecture, six hours laboratory, one semester.
Sister Magdalen Julie *Three credits one semester.*

* Offered 1968-1969.

† On leave of absence.



402. ADVANCED INORGANIC CHEMISTRY A study of the chemical elements and compounds with the application of various principles required in systematic inorganic chemistry. Prerequisite, Chemistry 411-412. Three hours lecture, four hours laboratory, one semester.
Sister Mary St. Dorothy *Four credits one semester.*
403. BIOCHEMISTRY A study of the carbohydrates, lipids, proteins, enzymes, nucleic acids, in their relationship to biological and metabolic processes; the chemistry of digestion, respiration, the blood, tissues, etc. Prerequisite, Chemistry 302 or 304. Two hours lecture, four hours laboratory, one semester.
Sister Magdalen Julie *Three credits one semester.*
- *409. THE TEACHING OF HIGH SCHOOL CHEMISTRY
Three credits one semester.
- 411-412. PHYSICAL CHEMISTRY A study of the laws of gases, liquids, and solutions; chemical equilibrium; thermochemistry; surface chemistry; electrochemistry; chemical kinetics; atomic structure. Prerequisites: Chemistry 305 or its equivalent; Physics 106, or 152 if Physics 252 is taken concurrently; Mathematics 209-210. Three hours lecture, four hours laboratory, each semester.
Sister Mary St. Dorothy *Four credits each semester.*
- 421-422. SPECIAL PROBLEMS The experimental investigation of a selected problem. Preliminary literature research may be undertaken at the end of the junior year. Open to a limited number of qualified seniors.
Members of the Department *Credit to be arranged.*
- 451-452. COORDINATING SEMINAR Prescribed for juniors and seniors.
Members of the Department *One credit each year.*

* Offered 1968-1969.

CLASSICS

GREEK

Christos Voulgaris, A.M.

101-102. A COURSE FOR BEGINNERS Grammar; simple prose exercises; selections from Xenophon: *Anabasis*.

Three credits each semester.

201-202. SELECTED READINGS FROM HOMER AND PLATO Prose composition.

Three credits each semester.

301-302. DIRECTED STUDY

Three credits each semester.

LATIN

Sister Bernadette Julie, A.M., *Chairman*

Sister Agnes St. Paul, A.B.

Requirements for concentration: 30 semester hours in the major subject, exclusive of 111-112; 18 semester hours in related subjects, chosen from the liberal arts field.

Required courses: Latin 202, 203, 205-206, 211-212, 301-302, 305-306, 311-312, 401-402, 403-404.

111-112. READINGS IN ROMAN LIFE AND HISTORY. PROSE COMPOSITION

Sister Bernadette Julie

Three credits each semester.

*202. HORACE: ODES AND EPODES

Two credits one semester.

*203. CATULLUS: POEMS

Two credits one semester.

205-206. REVIEW OF LATIN SYNTAX, PRACTICE IN WRITING LATIN

Sister Agnes St. Paul

One credit each semester.

*211-212. ROMAN LETTER WRITERS

Two credits each semester.

301-302. HISTORY OF LATIN LITERATURE. READING OF REPRESENTATIVE SELECTIONS

Sister Bernadette Julie

Two credits each semester.

305-306. ADVANCED PROSE COMPOSITION

Sister Bernadette Julie

One credit each semester.

311-312. ROMAN SATIRE

Sister Agnes St. Paul

Two credits each semester.

401-402. ROMAN COMEDY. STUDY OF EARLY LATIN. READING OF SELECTED PLAYS OF PLAUTUS AND TERENCE

Sister Bernadette Julie

Two credits each semester.

*403-404. TACITUS: AGRICOLA, ANNALS

Two credits each semester.

* Offered 1968-1969.

ELECTIVE COURSES

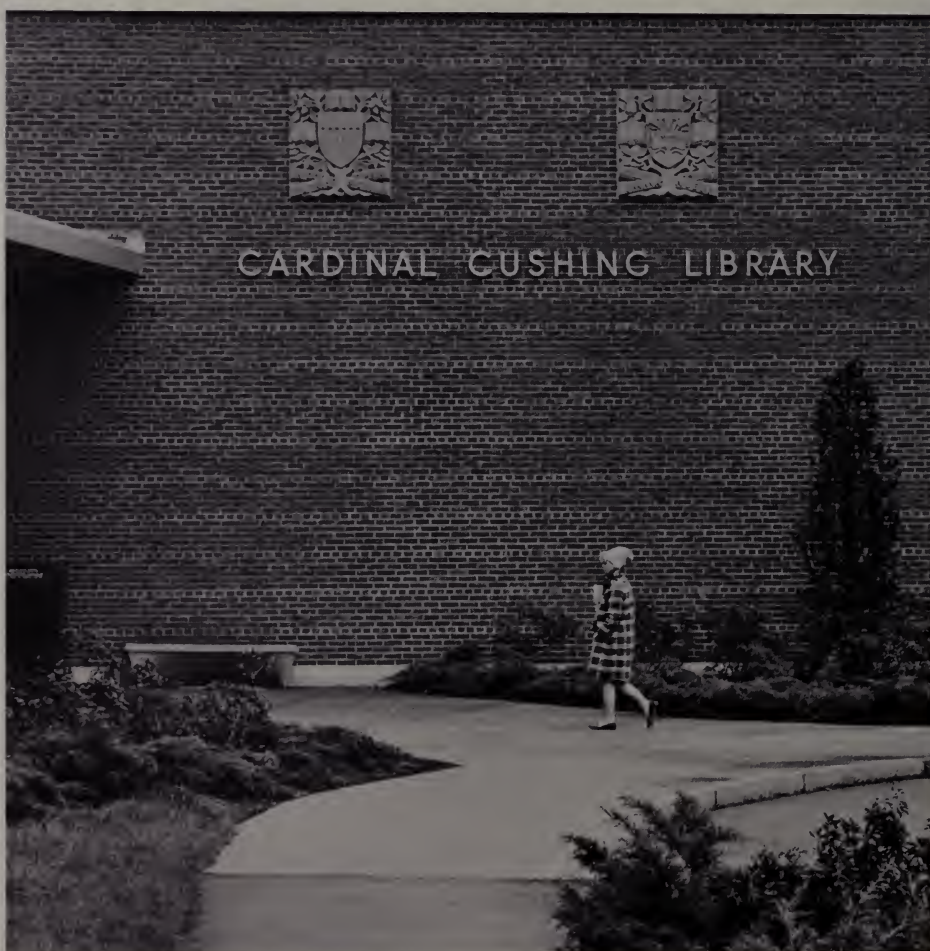
362. METHODS IN TEACHING LATIN IN SECONDARY SCHOOLS

Sister Bernadette Julie

Three credits one semester.

411-412. SURVEY OF ROMAN HISTORY. See History 224

Two credits second semester.



ECONOMICS

†Colin H. Connor, B.S., Cand. Ph.D.

Eugene P. Coyle, A.B., Cand. Ph.D., *Acting Chairman*

Sister Angela St. George, A.M., Cand. Ph.D.

Requirements for concentration: 30 semester hours, 18 hours in related subjects chosen usually from the fields of behavioral science, history or mathematics.

Required courses: Economics 201, 202, 316, 325, 326, 328. At least one year of college mathematics is recommended.

201. PRINCIPLES OF ECONOMICS Elementary price and distribution theory. Introduction to microeconomics.
Mr. Coyle *Three credits first semester.*
202. PRINCIPLES OF ECONOMICS Elementary national income and employment theory. Introduction to macroeconomics.
Mr. Coyle *Three credits second semester.*
- *316. INTRODUCTION TO ECONOMIC STATISTICS Statistical techniques used in the collection, tabulation, analysis and interpretation of economic data.
Three credits first semester.
- *317. INTERMEDIATE ECONOMIC STATISTICS More advanced techniques are studied and fundamental statistical methods are applied to specific economic problems.
Three credits second semester.
- *321-322. READING AND RESEARCH IN ECONOMICS
Three credits each semester.
325. MICROECONOMICS: INTERMEDIATE PRICE AND DISTRIBUTION THEORY The theory of value and distribution. Analysis of the forces which determine the pricing, allocation and distribution of economic resources in a free enterprise economy.
Mr. Coyle *Three credits first semester.*
326. MACROECONOMICS: INTERMEDIATE NATIONAL INCOME AND EMPLOYMENT THEORY Intensive study of the determinants, measurement and level of national income and employment.
Mr. Coyle *Three credits second semester.*
327. HISTORY OF ECONOMIC ANALYSIS I The evolution of economic thinking, beginning with the economic policies of the Mercantilists and including the Physiocrats and the English Classical School. Major critics of Classical economics, particularly Marxism and German Historicism.
Three credits first semester.
328. HISTORY OF ECONOMIC ANALYSIS II The rise of marginalism and neoclassical schools of thought. Institutionalism, the Keynesian analysis and modern theories of economic development and growth.
Three credits second semester.

† On leave of absence.

* Offered 1968-1969.

- *411. INTERNATIONAL ECONOMICS I The development of international trade theory.
Three credits first semester.
- *412. INTERNATIONAL ECONOMICS II Introduction to international economic policy.
Three credits second semester.
415. MONEY AND BANKING Monetary standards. The nature and role of money and credit and their relation to economic activity and prices.
Sister Angela St. George *Three credits first semester.*
- *416. PUBLIC FINANCE An introduction to the economics of taxes. Problems and issues of government fiscal policy are discussed.
Three credits second semester.
- *423-424. ECONOMIC DEVELOPMENT Introduction to bibliography and research methods. Definition and characteristics of underdeveloped countries and regions. Basic problems of development are discussed.
Three credits each semester.
425. INDUSTRIAL ORGANIZATION A theoretical study of the relationships between market structure, conduct, and performance. Some American industries will be examined to observe problems in translating theory into real world markets.
Sister Angela St. George *Three credits first or second semester.*

* Offered 1968-1969.



ENGLISH

Sister Anne Cyril, A.M., Ph.D., *Chairman*
Sister Anne Barbara, A.M., Ph.D.
Sister Mary James, A.M., Ph.D.
Elizabeth R. Hanlon, A.M.
†Sister Miriam St. John, A.M.
Sister Marie Constance, A.M.
Sister Cornelius Julie, A.M., Cand. Ph.D.
Sister Dolores Marie, A.M., Cand. Ph.D.
Jennifer L. Brewer, A.M.
William Irvin, A.M., Cand. Ph.D.
Jerry M. Bernhard, A.M., Cand. Ph.D.
Sister Eleanor of the Trinity, A.M.
Sister Mary Ernestine, A.M.

Requirements for concentration: 30 semester hours in the major field exclusive of prerequisite courses (101-102; 281-282); 18 hours in related subjects chosen from the fields of fine arts, history, foreign language, sociology, psychology.

Required course: English 281-282.

LITERATURE COURSES

- 101-102. WORLD LITERATURE; EXPOSITORY WRITING Reading and discussion of masterpieces of world literature in conjunction with expository writing practice and preparation of the documented paper. Close correlation with Western Culture 103 promotes student comprehension of our cultural heritage.
Members of the Department *Three credits each semester.*
- 109-110. AMERICAN STUDIES — EXPERIMENTAL PROJECT
Sister Cornelius Julie *Three credits each semester.*
206. CHAUCER A study of Chaucer's art and literary background with emphasis on the *Canterbury Tales* and *Troilus and Criseyde*.
Sister Marie Constance *Three credits second semester.*
- 215-216. MAJOR BRITISH WRITERS A presentation of significant themes and modes in English literature.
Members of the Department *Three credits each semester.*
233. LITERARY THEORY Intrinsic and extrinsic literary values; analysis of basic types, genres, conventions.
Sister Anne Barbara *Three credits first semester.*

† On leave of absence.

234. READINGS IN MEDIEVAL LITERATURE, EXCLUSIVE OF CHAUCER
Sister Anne Barbara *Three credits second semester.*
275. HISTORY AND STRUCTURE OF THE ENGLISH LANGUAGE Introduction to the nature of language, to the structure and evolution of the English language from Anglo-Saxon times to the present, with emphasis on Old and Middle English grammar.
Sister Marie Constance *Three credits first semester.*
- 281-282. EVOLUTION OF ENGLISH LITERATURE Readings and discussions of English poetry and prose from the Anglo-Saxon period through the contemporary.
Sister Anne Cyril *Three credits each semester.*
- 303-304. SHAKESPEARE Comprehensive treatment of chronicle plays and comedies in first semester; emphasis on artistry of great tragedies during second semester.
Sister Dolores Marie *Three credits each semester.*
323. ENGLISH DRAMA TO 1642 Origin and development of medieval miracle cycles, morality plays and allegorical interludes; Renaissance and Jacobean dramatists.
Sister Mary James *Three credits first semester.*
325. ROMANTICISM Major Romantic poets and prose writers, their theories and literary characteristics.
Sister Anne Barbara *Three credits second semester.*
326. VICTORIAN WRITERS Principal Victorian poets and critical prose writers studied in relation to their cultural and intellectual context.
Sister Anne Cyril *Three credits second semester.*
- 329-330. MAJOR AMERICAN AUTHORS A developmental approach to the literary expression of basic American themes from the Colonial period through the contemporary.
Sister Eleanor of the Trinity *Three credits each semester.*
- *331. NEOCLASSICISM Focus on neoclassic characteristics, particularly those of Dryden, Pope, Swift and Johnson.
Three credits first semester.
- *333. ENGLISH RENAISSANCE AND GARDEN MOTIF Study of works of Erasmus, More, Sidney, Spenser, Walton, Milton, Herrick, and Marvell.
Three credits first semester.
334. SEMINAR: NOTION OF ANALOGY IN RENAISSANCE LITERATURE Readings in the works of Elyot, Spenser, Shakespeare, Donne, Jonson, and the Cavaliers.
Sister Dolores Marie *Three credits first semester.*
- *335. READING PRACTICUM IN ENGLISH RENAISSANCE Study of Spenser's *Faerie Queene*, Sidney's *Sonnets*, Shakespeare's *Antony and Cleopatra* to train the faculty of attention.
Three credits first semester.
336. SEMINAR: DONNE AND MILTON Major writings, prose and poetry.
Sister Dolores Marie *Three credits second semester.*
340. ENGLISH DRAMA 1660-1800 Intensive study of twelve representative dramas from Dryden to Sheridan.
Sister Mary James *Three credits second semester.*
341. SEMINAR: CRITICAL THEORIES, 17TH AND 18TH CENTURIES
Sister Eleanor of the Trinity *Three credits first semester.*
- *342. SEMINAR: SENTIMENTALISM, 18TH CENTURY
Three credits first semester.

* Offered 1968-1969.

343. THE ART OF SATIRE Study of the origin and development of satire to the contemporary period.
Sister Mary James *Three credits second semester.*
- *344. SEMINAR: CREATIVE IMAGINATION, 19TH CENTURY
Three credits second semester.
- *350. SEMINAR: THE NATURE OF COMEDY Study of comic theory and practice in ancient, Renaissance and modern literature.
Three credits first semester.
- 405-406. THE ENGLISH NOVEL Its rise and development through the nineteenth century.
Mr. Bernhard *Three credits each semester.*
- *410. MODERN DRAMA Critical analysis of selected plays of Continental, British and American playwrights.
Three credits first semester.
411. MODERN POETRY: FORCES, FIGURES Concentration on the themes and techniques of such writers as Yeats, Pound, Eliot, Thomas, Stevens and Frost.
Sister Anne Barbara *Three credits first semester.*
- *415-416. AMERICAN FICTION Development of the short story and novel from Hawthorne, Melville and James through Faulkner and Warren.
Three credits each semester.
422. HISTORY OF LITERARY CRITICISM Examination of basic historical texts having relevance to modern modes of literary evaluation.
Sister Anne Barbara *Three credits second semester.*
423. SEMINAR: THEMES IN VICTORIAN LITERATURE
Sister Anne Cyril *Three credits first semester.*
427. COMPARATIVE LITERATURE Study of contemporary and universal themes in fiction selected from world literature (in translation), American and British novels excepted.
Sister Anne Cyril *Three credits first semester.*
438. CONTEMPORARY BRITISH LITERATURE Readings in fiction, poetry, and critical essay of the 20th century.
Sister Anne Cyril *Three credits second semester.*
439. INDEPENDENT STUDY
Sister Mary James, Co-ordinator *Three credits first semester.*
440. SEMINAR: AMERICAN LITERATURE
Sister Anne Barbara *Three credits second semester.*
- 441-442. INTRODUCTION TO LINGUISTICS First semester: an introduction to the history, fields, theories, methods, and applications of linguistic science. Second semester: special emphasis on transformational generative grammar. Open to all departments.
Sister Dolores Marie *Three credits each semester.*
443. SEMINAR: LITERATURE AND SOCIETY A study of the various relationships between literature and society, including an examination of such problems as the relationship between popular and mass culture, literary taste, censorship, literature and ideology, the application of techniques of sociological analysis to the study of literature, and the mutual influences of society and literature.
Preference will be given to students who have not taken English 233.
Sister Dolores Marie *Three credits first semester.*

* Offered 1968-1969.

444. SEMINAR: STYLISTICS An examination of traditional, computational, and linguistic theories and methods of analysis.
Sister Dolores Marie *Three credits second semester.*
450. AMERICAN TRANSCENDENTALISM A study of the writings of Emerson, Thoreau, and Whitman, as well as the minor Transcendentalists, with a consideration of European backgrounds and American reactions.
Mr. Irvin *Three credits first semester.*
451. AMERICAN FICTION: CIVIL WAR TO WORLD WAR I Realism in the short story and the novel with emphasis on James, Twain, Howells, and Dreiser.
Mr. Irvin *Three credits second semester.*

WRITING COURSES

- 209-210. PROSE WRITING Analysis and practice of non-fictional prose techniques with special attention to the informal and critical essay.
Miss Hanlon *Three credits each semester.*
222. RHETORICAL THEORY AND PRACTICE Study of rhetorical techniques, principles of thought organization in literary types; application of principles in writing of prose forms; attention to purpose, structure and diction. Recommended for prospective secondary school English teachers.
Sister Eleanor of the Trinity *Three credits second semester.*
- *301-302. THE WRITING OF POETRY
Three credits each semester.
- 307-308. THE WRITING OF THE SHORT STORY
Miss Hanlon *Three credits each semester.*
- 433-434. CREATIVE WRITING WORKSHOP Open to students who have completed English 301-302 or 307-308 with the consent of the instructor.
Miss Hanlon *Three credits each semester.*
435. WRITING UNDER DIRECTION Open to individual students, seniors only, upon completion of English 433-434.
Miss Hanlon *One credit first semester.*

METHODS COURSE

253. PROCEDURES IN SECONDARY SCHOOL ENGLISH Orientation of prospective teachers to sequential, integrated patterns of language and literature instruction, grades 7-12.
Three credits first semester.

* Offered 1968-1969.

HISTORY

Philip Cash, A.M., Ph.D., *Chairman*
Sister Helen Margaret, A.M., Ph.D.
Sister Catherine Edward, A.M.
John E. O'Loughlin, A.M., Ph.D.
The Reverend F. Donald Logan, M.A., M.S.D.
Philip R. Tetu, A.B., J.D.
†Daphne Herzstein, A.M., Cand. Ph.D.
John B. Cusack, A.M., Cand. Ph.D.
Nina Tumarkin, A.M.

Requirements for concentration: 30 semester hours in the major subject; 18 semester hours in a related subject or subjects.

Required courses: The required history courses for majors are: Europe to 1648; Europe since 1648; U.S. History since 1815. Students who exhibit a mastery of the basic subject matter covered by any or all of these courses may be exempted from them by the chairman of the department. History majors are encouraged to take the following non-history courses: Principles of Economics 201-202; Introduction to Sociology 101; Introduction to Anthropology 209; and United States Government 417.

Primary field of concentration: At the end of their sophomore year, majors are expected to choose one of the following areas of history as a primary field of concentration in preparation for their senior comprehensives: Ancient and Medieval; Western Europe; Russia; United States. Students will be expected to be familiar with the bibliographical and geographical material associated with their primary field of concentration.

COURSES IN ANCIENT AND MEDIEVAL HISTORY

- | | |
|--|---------------------------------------|
| 151-152. EUROPE TO 1648
Father Logan | <i>Three credits each semester.</i> |
| 223-224. ANCIENT HISTORY
Sister Catherine Edward | <i>Two credits each semester.</i> |
| 317-318. READINGS IN MEDIEVAL HISTORY
Father Logan | <i>Three credits each semester.</i> |
| *363-364. STUDIES IN THE SOURCES OF MEDIEVAL HISTORY | <i>Three credits each semester.</i> |
| *365. MEDIEVAL ECCLESIASTICAL INSTITUTIONS | <i>Three credits first semester.</i> |
| *366. ENGLAND FROM THE NORMAN CONQUEST TO THE ACCESSION OF THE TUDORS
(1066-1485) | <i>Three credits second semester.</i> |

† On leave of absence.

* Offered 1968-1969.

COURSES IN WESTERN EUROPEAN HISTORY

- 217-218. THE EXPANSION OF EUROPE
Dr. O'Loughlin *Three credits each semester.*
- 251-252. EUROPE SINCE 1648
Miss Tumarkin *Three credits each semester.*
- *253-254. FOUNDATIONS OF MODERN EUROPE
Three credits each semester.
- 315-316. EUROPE IN THE NINETEENTH CENTURY
Dr. O'Loughlin *Three credits each semester.*
- 415-416. SEMINAR: EUROPE IN THE TWENTIETH CENTURY
Dr. O'Loughlin *Three credits each semester.*

COURSES IN RUSSIAN HISTORY

- *337-338. RUSSIA TO 1917
Three credits each semester.
445. HISTORY OF SOVIET RUSSIA
Miss Tumarkin *Three credits second semester.*
446. RUSSIAN INTELLECTUAL HISTORY
Miss Tumarkin *Three credits first semester.*

COURSES IN UNITED STATES HISTORY

- 233-234. UNITED STATES HISTORY SINCE 1815
Mr. Cash, Mr. Cusack *Three credits each semester.*
241. BRITISH COLONIES IN THE SEVENTEENTH AND EIGHTEENTH CENTURIES (1607-1763)
Mr. Cash *Three credits first semester.*
242. AMERICAN REVOLUTION AND AFTERMATH (1763-1815)
Mr. Cash *Three credits second semester.*
- 309-310. AMERICAN CIVILIZATION AND UNITED STATES HISTORY Open to non-major juniors and seniors.
Sister Catherine Edward *Three credits each semester.*
- 335-336. AMERICAN SOCIAL AND INTELLECTUAL HISTORY
Mr. Cusack *Three credits each semester.*
- *431-432. AMERICAN DIPLOMATIC HISTORY
Three credits each semester.
- *443-444. SEMINAR: AMERICA IN THE TWENTIETH CENTURY
Three credits each semester.
- 471-472. SEMINAR: REGIONALISM IN AMERICAN HISTORY
Mr. Cash *Three credits each semester.*
- 473-474. SEMINAR: AMERICAN ECONOMIC HISTORY
Mr. Cusack *Three credits each semester.*
- 475-476. BIBLIOGRAPHIC SEMINAR IN AMERICAN HISTORY Open to any student. Recommended to students concentrating in American history.
Mr. Cash *No credit.*

* Offered 1968-1969.

OTHER COURSES

225-226. HISTORICAL BACKGROUND TO CONTEMPORARY PROBLEMS

Mr. Tetu

Two credits each semester.

362. PROBLEMS IN THE TEACHING OF HISTORY IN THE SECONDARY SCHOOLS

Dr. O'Loughlin

Three credits first semester.





MATHEMATICS

Sister Elizabeth Louise, A.M., Ph.D., *Chairman*

Sister Catherine Josephine, A.M., Ph.D.

Roberta J. Flexer, M.Ed.

Veronica McCloud, A.M.

Rozelle Wright, A.M., Cand. Ph.D.

Larry Allen Ladd, A.B., Cand. Ph.D.

Requirements for concentration: Mathematics 214, 413, 401-402 and at least 12 additional semester hours in mathematics courses; 18 semester hours in related subjects, chosen from natural sciences, economics, psychology, and education.

Prerequisite courses: Mathematics 109-110, 209-210. Physics 151-152, 251-252 are required of all mathematics majors. Exemptions must be obtained from the chairman of the department.

107-108. INTRODUCTION TO COLLEGE MATHEMATICS A course emphasizing principles and techniques of modern mathematics with special attention to applications in the social and biological sciences.

Miss McCloud

Three credits each semester.

109-110. ANALYSIS I Prerequisite: Four years of high school mathematics exclusive of review courses. A basic course covering a brief introduction to the real number system, plane analytic geometry, limits and continuity; theory, techniques, and applications of differentiation and Riemann integration of functions of a single real variable.

Sister Catherine Josephine, Sister Elizabeth Louise

Three credits each semester.

207-208. MATHEMATICS FOR THE ELEMENTARY TEACHER A course designed to introduce prospective elementary school teachers to the structure and basic concepts of modern mathematics. Major topics considered include: systems of numeration; sets; relations; algebraic structures; the systems of whole numbers, integers, rational, and real numbers.

Mrs. Flexer

Three credits each semester.

209-210. ANALYSIS II Prerequisite: Analysis I. A continuation of Mathematics 109-110 including such topics as sequences and series; solid analytic geometry; functions of several real variables; partial differentiation; multiple integration; differential equations.

Sister Catherine Josephine, Miss McCloud

Three credits each semester.

213. TOPICS IN MATHEMATICS During 1967-1968 this course will consist of an introduction to the theory of numbers.

Sister Elizabeth Louise

Three credits first semester.

214. TOPICS IN MATHEMATICS — LINEAR ALGEBRA A treatment of vector spaces, linear transformations, matrices and determinants, characteristic value problems, systems of linear equations.

Sister Elizabeth Louise

Three credits second semester.

301. DIFFERENTIAL EQUATIONS Solution of equations of first order; geometrical and physical applications; linear equations with constant coefficients and with variable coefficients; systems of simultaneous linear equations; integration in series; the Laplace transform; boundary value problems.

Mr. Ladd

Three credits first semester

- *306. **NUMERICAL ANALYSIS** An investigation of the classical methods of interpolation, finite differences, numerical differentiation and integration; solution of algebraic, transcendental, differential, and difference equations; curve fitting and expression of empirical data by approximating formulas.
Three credits second semester.
- 307-308. **MATHEMATICAL STATISTICS** A systematic course in the basic principles of statistics, first developing the necessary concepts and models of probability theory, then proceeding with distribution theory and sampling theory, and finally exploring the two major problems of statistical inference — the testing of hypotheses and the estimation of parameters. Presupposes a strong background in calculus.
Sister Catherine Josephine *Three credits each semester.*
313. **PROBLEMS IN THE TEACHING OF HIGH SCHOOL MATHEMATICS** Examination and evaluation of current developments in high school mathematics curricula; contemporary research in mathematical education; practical and theoretical aspects of classroom instruction in mathematics. Students conduct individual seminars and demonstration classes. Emphasis is on the content of high school mathematics courses. Prerequisites: The equivalent of at least 4 semesters of college mathematics.
Mrs. Flexer *Three credits first semester.*
- 401-402. **ADVANCED CALCULUS** Introduction to the topology of the real line and Euclidean plane; completeness; functions defined on a subset of Euclidean n -space, $n \geq 1$; limits, continuity, differentiability; Riemann and Stieltjes integrals, line and surface integrals, infinite series and improper integrals.
Mrs. Wright *Three credits each semester.*
- *413. **A SURVEY OF MODERN ALGEBRA** A consideration of the basic algebraic structures including groups, rings and ideals, fields, and integral domains.
Three credits first semester.
- *417. **STATISTICAL METHODS** A practical treatment of problems of estimation and testing with emphasis on analysis of variance, regression, analysis of covariance, and power functions.
Three credits first semester.
418. **INTRODUCTION TO LINEAR PROGRAMMING** A basic presentation of the methods and applications of linear programming, including the general linear programming problem, the simplex computational procedure and the revised simplex method, the duality problems and degeneracy procedures, and applications.
Sister Catherine Josephine *Three credits second semester*
419. **SURVEY OF MODERN GEOMETRY I** Development of such topics as foundations of geometry, synthetic and analytic projective geometry, affine and Euclidean geometry. The approach used is that of Klein's Erlanger Program.
Sister Elizabeth Louise *Three credits second semester.*
- *420. **SURVEY OF MODERN GEOMETRY II** Continuation of 419, including a treatment of non-Euclidean geometries and an introduction of combinatorial topology.
Three credits one semester.
422. **COORDINATING SEMINAR**
Sister Elizabeth Louise *One credit second semester.*
424. **INTRODUCTION TO GENERAL TOPOLOGY** A study of metric spaces and general topological spaces with emphasis on the properties of connectedness and compactness.
To be given at Simmons College. *Four credits first semester.*
425. **COMPLEX ANALYSIS** An introduction to the complex number system, analytic functions, theory of differentiation and the Cauchy-Riemann equations, complex integration, Taylor and Laurent series, residues, conformal mapping.
To be given at Simmons College. *Four credits first semester.*

* Offered 1968-1969.

MODERN LANGUAGE

Sister Julie, A.M., Ph.D., Chairman of the Division of Modern Languages and French Department

Sister Marie Margarita, A.M., Ph.D., Officier d'Académie, Chairman of the Russian Department

Sister Berchmans, A.M., Ph.D., Chairman of the Italian Department

Sister Margaret Pauline, A.M., Ph.D., Spanish, Portuguese, Chairman of the Spanish Department

Sister Jane Marie, A.M., Cand. Ph.D., Chairman of the German Department

Sister Ruth Marie, A.M., Ph.D., French

Señor Francisco de la Gándara, Licenciado en Filosofía, Spanish

Joseph H. Dayag, M.S., Docteur de l'Université de Paris, German

Dimitri Emelianoff, Attestat, University of Moscow, Russian

The Right Reverend Eugene Survillo, A.M., Russian, Polish

Laura Pizer, A.M., Italian, Cand. Ph.D.

Ilse B. Rowe, A.M., German

Pranas A. Sveikauskas, A.M., Russian

Albert Salek, A.M., Ph.D., French

Ivy Lyew Duffy, A.M., French

†Sister Anne St. Hugh, A.B., French

Monique M. Laumont, A.M., French

†Sister John Marguerite, A.M., French

Blanche Boulanger, Brevet, French

Loretta E. Slover, A.M., Portuguese

Pilar Concejo, Licenciada, Spanish

Pilar La Torr , Licenciatura, Spanish

Maria Pilar Frade, Licenciatura, Spanish

Mindy Smollen, A.M., French

Julia Perrone, A.M., French

Sister Paula Julie, A.M., Cand. Ph.D., Spanish

†Edward McGowan, A.M., Cand. Ph.D., Russian

Bernadette Dateo, A.M., French

THE LANGUAGE WORKSHOP

Mrs. Inese Uzarins

The *Language Workshop* has a complete installation for individual student recording and console control.

The work done here is an essential part of every course in the language departments. It is planned to develop those skills in oral and aural command

† On leave of absence.

of language which today are recognized as justly expected of those who follow such studies.

FRENCH

Requirements for concentration: 30 semester hours in the major subject, exclusive of 149-150; 18 semester hours in related subjects, chosen from the fields of economics, fine arts, government, history, language, literature, music, philosophy.

The department offers two majors: one in literature and one in language. The candidate is urged to consider her choice carefully in view of graduate study.

The major in French with stress on literature is suggested to those who are preparing for graduate studies in French, for teaching on college, high school or elementary level. This option requires: 1) two credit hours of language study per semester unless this requirement is waived by the department, and 2) a comprehensive view of French literature through the study of the century courses. It is strongly recommended that these courses be followed in chronological order.

The major in French with stress on language may be selected by those who, desirous of teaching on elementary level, plan to continue their studies in the field of Education. At least twelve credits of literature must be elected, including French 311-312.

Requirements for students in training for teaching modern languages:

Candidates are accepted at the end of the freshman year and the sophomore year (Russian). These candidates must present a formal application, signed by the department chairman, for acceptance in the Teacher Education Program. Completion of the required courses in education assures the candidate the necessary placement for and supervision of practice teaching in the senior year. This program fulfills the minimum requirements for certification of teachers in the public schools of the Commonwealth of Massachusetts.

Candidates for this program should achieve by the end of sophomore year, and maintain through junior and senior, a grade of A in pronunciation, accent, and oral reading; and a grade of B in oral command of French.

Foreign Study: Upon recommendation of the department and with the consent of the Academic Dean, the junior year may be spent at the Sorbonne, Laval University, or the University of Fribourg. Arrangements for such study are made in the spring of sophomore year.

Freshmen entering with advanced placement in French will be assigned to French 201. Exceptionally well-prepared freshmen may also qualify for this course.

145-146. A BEGINNING COURSE

Mrs. Smollen

Three credits each semester.

147-148. AN INTERMEDIATE COURSE

Prerequisite, two years of French or the equivalent.

Miss Dateo

Three credits each semester.

149-150. ORAL AND WRITTEN FRENCH I — READINGS IN TWENTIETH CENTURY LITERATURE

Prerequisite, three years of French or the equivalent.

Members of the Department

Three credits each semester.

153-154. FRENCH CIVILIZATION

Open to qualified freshmen.

Miss Perrone

Three credits each semester.

201. FRENCH LITERATURE FROM ORIGINS TO END OF RENAISSANCE Readings, in modern French, of early texts in the various genres: epic and lyric poetry; religious and profane drama, *le roman courtois et populaire, fabliaux*; their evolution through the sixteenth century. Renaissance literature with stress on Rabelais, the *Pléiade*, the Reformation and the Counter-Reformation, Montaigne.

Sister Julie, Mrs. Duffy

Three credits first semester.

202. READINGS IN THE SEVENTEENTH-CENTURY LITERATURE Evolution of classical literature, with emphasis on Malherbe, Corneille, Descartes, Boileau, Molière, Racine, LaFontaine, La-Bruyère, Bossuet, Mme de Sévigné.

Sister Julie, Mrs. Duffy

Three credits second semester.

203-204. ORAL AND WRITTEN FRENCH II

Sister Ruth Marie, Miss Perrone

Two credits each semester.

205-206. INTENSIVE READING COURSE Preparation for reading examination in French. Non-majors only.

Miss Dateo

Two credits each semester.

210. FRENCH CIVILIZATION II

Sister Julie

Three credits second semester.

*213. FRENCH PHONETICS AND DICTION Three class periods weekly, supplemented by work in the language laboratory.

Two credits one semester.

*219. EXPLICATION DE TEXTE Required for majors in language. Four class periods weekly.

Three credits one semester.

221. FRENCH LITERATURE FROM ORIGINS TO END OF RENAISSANCE Required for French majors. Three hours lecture; two hours explication de texte. See French 201 for description of course content.

Sister Ruth Marie

Four credits first semester.

222. READINGS IN THE SEVENTEENTH-CENTURY LITERATURE Three hours lecture; two hours explication de texte. See French 202 for description of course content.

Sister Ruth Marie

Four credits second semester

* Offered 1968-1969.

301. READINGS IN THE EIGHTEENTH-CENTURY LITERATURE Study of the transition from classicism to neo-classicism through the texts of Montesquieu, Marivaux, Voltaire, Diderot, the *Encyclopédie*, Beaumarchais to pre-romanticism of Rousseau and Bernardin de Saint-pierre.
Dr. Salek *Three credits first semester.*
302. READINGS IN THE NINETEENTH-CENTURY LITERATURE Reactionary literary movements traced through the works of representative authors from romanticism through realism to naturalism in prose and drama; from romanticism through realism, impressionism to symbolism in poetry.
Dr. Salek *Three credits second semester.*
- 305-306. THE FRENCH NOVEL Analysis of the novel in its various forms from its earliest mode to the present. Reading list varies at the discretion of instructor.
Sister Ruth Marie *Two credits each semester.*
- 309-310. ORAL AND WRITTEN FRENCH III Oral expression, advanced stylistics.
Two credits each semester.
- *311-312. MASTERPIECES OF FRENCH LITERATURE Study of the development of the various genres from the medieval period to the present. Reading list varies at the discretion of instructor. Four hours lecture; one hour explication de texte.
Four credits each semester.
321. READINGS IN THE EIGHTEENTH-CENTURY LITERATURE Three hours lecture; two hours explication de texte. See French 301 for description of course content.
Dr. Salek, Sister Julie *Four credits first semester.*
322. READINGS IN THE NINETEENTH-CENTURY LITERATURE Three hours lecture; two hours explication de texte. See French 302 for description of course content.
Dr. Salek, Sister Julie *Four credits second semester.*
- 371-372. JUNIOR SEMINAR
Miss Laumont *Two credits each semester.*
- 401-402. CONTEMPORARY FRENCH THOUGHT Reading and discussion of works characteristic of the various "isms" of the twentieth-century doctrines and ideas: gidism, bergsonism, unanimism, surrealism, syncretism, socialism, existentialism, humanism. Reading list varies at the discretion of instructor.
Dr. Salek *Three credits each semester.*
- *406. CONTEMPORARY FRENCH THEATER Claudel, Bernard, Cocteau, Giraudoux, Anouilh, Marcel, Mauriac, Camus, Sartre, Montherlant, Beckett, Ayme, Ionesco.
Three credits second semester.
- *410. ORAL AND WRITTEN FRENCH IV Oral expression, creative writing.
Two credits second semester.
419. TECHNIQUES IN THE TEACHING OF FRENCH: SECONDARY SCHOOL LEVEL Discussion and evaluation of the various modes of presentation: tradition, direct, audio-lingual-visual. Role and use of the language laboratory.
Sister Ruth Marie *Three credits first semester.*
- 421-422. CONTEMPORARY FRENCH THOUGHT Three hour lecture; two hours explication de texte. See French 401-402 for description of course content.
Dr. Salek *Four credits each semester.*

* Offered 1968-1969.

427. **TECHNIQUES IN THE TEACHING OF FRENCH: ELEMENTARY SCHOOL LEVEL** Analysis of various materials available; orientation toward the audio-lingual-visual method; role of the televised programs in elementary teaching.
Sister Ruth Marie *Three credits second semester.*
- *439. **HISTORICAL AND STRUCTURAL LINGUISTICS** One hour of general linguistics; two hours of applied structural linguistics. Prescribed for majors.
Three credits first semester.
- *443-444. **HISTORY OF FRANCE** Study of the political, economic and cultural movements in the growth of France to a world power.
Two credits each semester.
- 471-472. **SENIOR SEMINAR**
Miss Laumont *Three credits each semester.*

GERMAN

Requirements for concentration: 24 to 30 semester hours in the major subject in courses of 200 and above; 18 to 24 semester hours in related subjects approved by the department.

- 101-102. **ELEMENTARY GERMAN** Grounding in the essentials of German grammar and syntax; dictation, simple prose exercises, and elementary oral practice; reading of easy German prose. One hour weekly of language workshop each semester.
Sister Jane Marie *Three credits each semester.*
121. **INTERMEDIATE GERMAN** A continuation of 102 with extensive and intensive written and oral exercises; special attention given to building of vocabulary. One hour weekly of language workshop each semester. Prerequisite, 101-102 or two years of high school German.
Members of the Department *Three credits one semester.*
122. **INTERMEDIATE READING** Advanced reading in literary German with special attention to the development of accuracy and facility in translating. One hour weekly of language workshop per semester.
Members of the Department *Three credits one semester.*
- *132. **INTERMEDIATE SCIENTIFIC GERMAN** The aim of this course is to introduce students to readings in technical German prose. Careful attention is given to sentence structure with a view to developing accurate translation. Prerequisites, 101-102; 121.
Three credits one semester.
- 203-204. **SURVEY OF GERMAN LITERATURE** General survey of German literature from its beginning to 1750.
Mrs. Rowe *Two credits each semester.*
- 221-222. **ADVANCED GERMAN COMPOSITION AND GRAMMAR** Extensive use of written exercises in translation from English to German, to develop proficiency in the use of the written language as a basis for free composition. One hour weekly of language workshop.
Prerequisite, 121-122.
Dr. Dayag *Three credits each semester.*
305. **EIGHTEENTH CENTURY GERMAN LITERATURE** A study of the representative writers of the 18th century.
Dr. Dayag *Three credits one semester.*

* Offered 1968-1969.

306. NINETEENTH CENTURY GERMAN LITERATURE A study of German romanticism, young Germany, the rise of realism and naturalism.
Dr. Dayag *Three credits one semester.*
- 311-312. CONVERSATION AND ADVANCED COMPOSITION Oral and written exercises in translation from English to German. Extensive use of actual conversation to develop proficiency in the use of the language. One hour weekly of language workshop.
Prerequisite, 221-222.
Mrs. Rowe *Three credits one semester.*
- *317-318. ADVANCED SCIENTIFIC GERMAN Readings in technical German periodical literature. The course is intended for students who major in the sciences and who wish to achieve the necessary proficiency to enable them to do research work in their field of specialization.
Three credits each semester.
- *351-352. THE GERMAN NOVELLE Reading and analysis of selected NOVELLEN of the 19th and 20th centuries.
Three credits each semester.
401. METHODS OF TEACHING GERMAN
Mrs. Rowe *Three credits one semester.*
- 491-492. DIRECTED STUDIES Open to qualified students. One or two of the topics listed will be selected for study in a given year: the novel; drama; poetry of the 19th and 20th centuries; theoretical and practical phonetics; linguistics.
Dr. Dayag *Three credits each semester.*
493. GERMAN CIVILIZATION An examination of the social, artistic, and intellectual history of German-speaking Central Europe up to our time.
Dr. Dayag *Three credits one semester.*
495. TWENTIETH CENTURY GERMAN LITERATURE Analysis of literary trends and the works of significant writers from the turn of the century up to the mid-twentieth century.
Dr. Dayag *Three credits one semester.*

ITALIAN

Requirements for concentration: 30 semester hours in the major subject exclusive of freshman courses; 18 hours in related subjects approved by the department.

One hour of language workshop weekly each semester is required of all freshmen and other students taking Italian 101-102.

See Teacher Education Department for requirements for Teacher Education Program. Italian 415 gives credit in Education only.

- 101-102. COURSE FOR BEGINNERS Grammar, oral practice, simple readings.
Mrs. Pizer *Three credits each semester.*
- *201-202. INTENSIVE READING COURSE This course prepares for reading examination.
Three credits each semester.
- *204. ITALIAN CIVILIZATION
Three credits one semester.
- 205-206. ORAL AND WRITTEN ITALIAN I Phonetics, grammar review, composition.
Mrs. Pizer *Three credits each semester.*

*Offered 1968-1969.

- *301-302. ITALIAN LITERATURE Literary history of Italy from the origin through the Renaissance.
Readings from representative writers.
Three credits each semester.
- 305-306. ORAL AND WRITTEN ITALIAN II Grammar, composition, oral reports.
Mrs. Pizer
Two credits each semester.
- *307. THE ITALIAN SHORT STORY Development, readings, discussions.
Three credits one semester.
- 401-402. DANTE: LA VITA NUOVA AND LA DIVINA COMMEDIA
Mrs. Pizer
Three credits each semester.
- *403-404. ITALIAN LITERATURE FROM THE RENAISSANCE TO THE PRESENT Continuation of
301-302.
Three credits each semester.
- *405-406. ORAL AND WRITTEN ITALIAN III Advanced composition and conversation; stylistics.
Two credits each semester.
- 407-408. THE ITALIAN DRAMA Development, readings, reports.
Sister Berchmans
Three credits each semester.
- *409-410. DIRECTED STUDIES IN ITALIAN LITERATURE Open to qualified students.
Three credits each semester.
- *415. METHODS OF TEACHING ITALIAN
Three credits one semester.

POLISH

- 101-102. ELEMENTARY POLISH Grammar and simple readings.
Father Survillo
Three credits each semester.
- *201-202. INTERMEDIATE POLISH Grammar, composition: oral and written.
Three credits each semester.
- *301-302. INTERMEDIATE POLISH II Grammar, conversation and readings in Polish Literature.
Three credits each semester.
- *401-402. POLISH LITERATURE: READINGS AND CRITICISM
Three credits each semester.

PORTUGUESE

- 109-110. AN AUDIO-LINGUAL COURSE IN BASIC PORTUGUESE
Sister Margaret Pauline
Three credits each semester.
- 209-210. INTENSIVE LANGUAGE COURSE The four skills are developed to upper course level.
Mrs. Slover
Three credits each semester.
- *311-312. SURVEY OF PORTUGUESE LITERATURE Conducted in Portuguese.
Three credits each semester.
- *313-314. LUSO-BRAZILIAN CIVILIZATION First semester Portugal. Second semester Brazil.
Conducted in Portuguese.
Three credits each semester.
- 409-410. LITERATURE OF BRAZIL Conducted in Portuguese.
Mrs. Slover
Three credits each semester.

*Offered 1968-1969.

RUSSIAN

Requirements for concentration: 30 semester hours in Russian, exclusive of 105-106; 18 semester hours in subjects chosen from the liberal arts. All courses after 101-102 are conducted in Russian.

- 101-102. ELEMENTARY COURSE. The oral-aural approach is stressed. Simple readings and grammar.
Mr. Sveikauskas *Three credits each semester.*
- *105-106. ELEMENTARY COURSE
Six credits each semester.
- 201-202. INTERMEDIATE COURSE Continued insistence upon the oral-aural, visual and written use of Russian. Graded readings.
Father Survillo *Three credits each semester.*
- 203-204. ORAL AND WRITTEN RUSSIAN I
Mr. Emelianoff *Two credits each semester.*
- 301-302. READINGS IN NINETEENTH-CENTURY LITERATURE: LERMONTOV, PUSHKIN, TURGENEV, CHEKHOV, TOLSTOY One third of the course given to advanced work in language, oral and written.
Sister Marie Margarita *Three credits each semester.*
- 303-304. ORAL AND WRITTEN RUSSIAN II
Mr. Emelianoff *Two credits each semester.*
- 305-306. A SURVEY OF RUSSIAN LITERATURE OF THE NINETEENTH CENTURY Readings done in Russian or in any language the student reads with facility. Conducted in English and open to all students.
Sister Marie Margarita *Three credits each semester.*
- 311-312. RUSSIAN SHORT STORY
Mr. Sveikauskas *Two credits each semester.*
- 401-402. READINGS IN NINETEENTH-CENTURY WRITERS, PROSE AND VERSE. HISTORY OF THE NINETEENTH CENTURY
Father Survillo *Three credits each semester.*
- 403-404. WRITTEN AND SPOKEN RUSSIAN III
Mr. Emelianoff *Two credits each semester.*
- *405-406. ADVANCED LANGUAGE WORK, PRINCIPALLY TRANSLATION
Three credits each semester.
- *409-410. HISTORICAL BACKGROUNDS OF OLD AND MEDIEVAL RUSSIA (FIRST SEMESTER) AND ITS LITERATURE (SECOND SEMESTER)
Three credits each semester.
- 411-412. HISTORICAL BACKGROUND OF THE EIGHTEENTH CENTURY (FIRST SEMESTER) AND ITS LITERATURE (SECOND SEMESTER)
Sister Marie Margarita *Three credits each semester.*

*Offered 1968-1969.

SPANISH

Requirements for concentration: 30 semester hours in the major subject, exclusive of freshman courses; 18 hours in related subjects, chosen from the fields of foreign language, English literature, education, sociology, art, music.

Required courses: Spanish 241-242, 327-328, 341, 342, 441, 442, 443-444.

103-104. SPANISH FOR BEGINNERS This course trains the student to understand, speak, read, and write basic Spanish. Three hours lecture, one hour workshop, each semester.
Miss Concejo, Miss Frade *Three credits each semester.*

131-132. AN AUDIO-LINGUAL COURSE FOR FRESHMEN WHO PRESENTED SPANISH FOR ENTRANCE
Miss Frade *Three credits each semester.*

141-142. THE CONTEMPORARY LITERARY SCENE IN SPAIN Open to freshmen with departmental approval. Conducted in Spanish.
Miss LaTorre *Three credits each semester.*

229-230. SELECTED READINGS
Señor de la Gándara *Three credits each semester.*

Major Courses

Major courses are restricted to students whose field of concentration is Spanish. All major classes are conducted in Spanish.

241-242. THE SIGNIFICANCE OF SPAIN IN HISTORY, LITERATURE AND ART Prescribed for sophomore Spanish majors.
Miss LaTorre *Five credits each semester.*

243-244. INTENSIVE LANGUAGE STUDY Prescribed for sophomores making Spanish a major, who did not present the language for entrance.
Miss Concejo *Two credits each semester.*

327-328. ADVANCED COMPOSITION Prescribed for juniors.
Miss Concejo *Two credits each semester.*

341. SPANISH PROSE AND POETRY TO THE END OF THE GOLDEN AGE
Señor de la Gándara *Three credits first semester.*

342. SPANISH THEATRE TO THE END OF THE GOLDEN AGE
Señor de la Gándara *Four credits second semester.*

*441. SPANISH LITERATURE OF THE EIGHTEENTH AND NINETEENTH CENTURIES
Five credits first semester.

*442. SPANISH LITERATURE OF THE TWENTIETH CENTURY
Four credits second semester.

433-434. TEACHER TRAINING 1st semester: Applied Linguistics. 2nd semester: Methodology.
Sister Margaret Pauline *Two credits each semester.*

443-444. FREE COMPOSITION AND INTENSIVE GRAMMAR REVIEW
Señor de la Gándara *Two credits each semester.*

* Offered 1968-1969.

481-482. SEMINAR
Sister Margaret Pauline

Two credits each semester.

Non-Major Courses

227-228. FURTHER DEVELOPMENT OF THE FOUR SKILLS This course continues 103-104.
Miss LaTorre *Three credits each semester.*

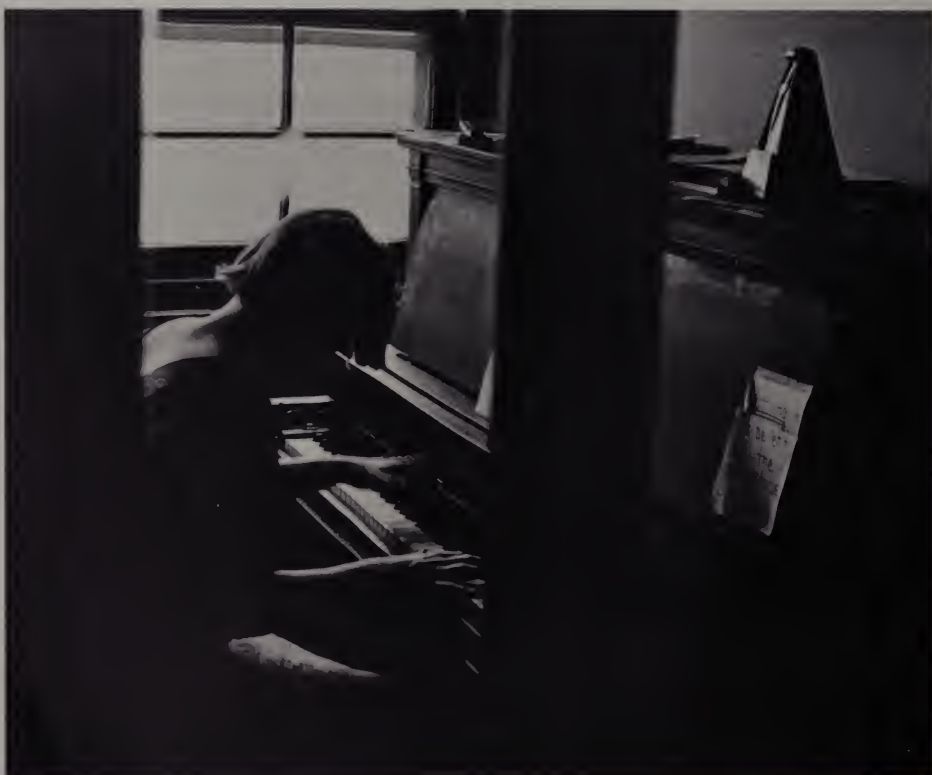
337-338. SPANISH CIVILIZATION
Miss Concejo *Three credits each semester.*

447-448. MASTERPIECES OF SPANISH LITERATURE
Señor de la Gándara *Three credits each semester.*

451-452. MASTERPIECES OF LATIN AMERICAN LITERATURE
Miss Frade *Three credits each semester.*

471. CONTEMPORARY NOVEL
Sister Margaret Pauline *Three credits first semester.*

472. GENERATION OF 1898
Sister Margaret Pauline *Three credits second semester.*



MUSIC

Lily Siao Owyang, M.S., *Chairman*
Rodolphe E. Pepin, D. Mus.
Louise Gadbois Cash, M. Mus.
Dorothy Bales, M. Mus.
Eleanor Carlson, M. Mus.
Sara Lee Kornfeld, M. Mus.
Sister Ellen St. Anne, M. Mus.

A major in Music is offered in two areas:

Music:

Major: Theory — 18 credits; Music History — 12 credits.

Related field: instrumental or vocal specialization or Education — 18 credits.

Applied Music:

Major: instrumental or vocal specialization — 30 credits.

Related field: Theory — 18 credits; Music History — 12 credits.

To receive college credit in piano a student must be ready to play a two-part invention of Bach; a sonata of Mozart, Haydn or Beethoven; and a piece corresponding in difficulty to Haydn Sonata, No. 11 in G major, Mozart sonata in C major or F major, Beethoven, Sonata Op. 49, No. 1.

THEORY

*113-114. INTRODUCTION TO MUSIC The elements of music, including the rudiments of music, liturgical music and introduction and study of musical forms.

Three credits each semester.

159-160. BASIC MUSICIANSHIP Introduction to the elements of harmony, sight singing, ear training and rhythmic dictation. Required of all music majors.

Sister Ellen St. Anne

One credit each semester.

161-162. THEORY I The study of diatonic harmony, sight singing, and analysis of music literature.

Sister Ellen St. Anne

Three credits each semester.

165-166. THEORY II The study of chromatic harmony, sight singing, and analysis of music literature.

Mrs. Owyang

Three credits each semester.

*401. COUNTERPOINT I Strict counterpoint in two, three, and four parts, species.

Three credits first semester.

*404. VOCAL AND INSTRUMENTAL ARRANGING Scoring for vocal ensembles and small orchestral and band combinations.

Three credits second semester.

* Offered 1968-1969.

HISTORY AND APPRECIATION

- 151-152. APPRECIATION OF MUSIC An understanding and appreciation of the music of the great masters; survey of music of various types, styles and forms.
Mrs. Owyang *Two credits each semester.*
331. BAROQUE MUSIC History of music, analysis and description of vocal and instrumental works of Bach and Handel against background of musical trends in preceding centuries.
Miss Kornfeld *Three credits first semester.*
333. THE VIENNESE CLASSICAL SCHOOL History and analysis of the music of the three great leaders of the classical period: Haydn, Mozart and Beethoven.
Miss Kornfeld *Three credits second semester.*
336. THE ROMANTIC PERIOD History and analysis of music from Schubert to Wagner inclusive.
Mrs. Owyang *Three credits one semester.*
338. CONTEMPORARY MUSIC History and analysis of contemporary works from the late nineteenth century to the existing twentieth-century forms.
Mrs. Owyang *Three credits second semester.*
415. SYMPHONIC LITERATURE A study of the better known classics of symphonic literature including works of Mozart, Beethoven, Brahms.
Miss Kornfeld *Two credits first semester.*
416. INTRODUCTION TO OPERA An approach to opera for the layman through a study of the most famous operas of Mozart, Verdi, Wagner, Puccini.
Miss Kornfeld *Two credits second semester.*

CHURCH MUSIC

- 129-130. LITURGICAL MUSIC General choir work. Ordinary of the Mass and certain Propers.
One credit each semester.

SCHOOL MUSIC

301. METHODS AND MATERIALS IN ELEMENTARY SCHOOL A course intended to acquaint students with all phases of musical experiences in elementary schools.
Sister Ellen St. Anne *Three credits either semester.*
304. METHODS AND MATERIALS IN SECONDARY SCHOOL
Sister Ellen St. Anne *Three credits second semester.*
- *409-410. APPLIED MUSIC PEDAGOGY Methods, materials, and procedures for private and group instruction.
Two credits first semester.

PERFORMANCE TECHNIQUES

- 135-136. CHORAL
Sister Ellen St. Anne *One hour each semester.
No credit.*
199. STRING ENSEMBLE
Mrs. Bales *One hour each semester.
No credit.*

* Offered 1968-1969.

200. PERFORMANCE CLASS	One hour each semester. No credit.
Members of the Department	
*321-322. STRING CLASS	One credit each semester.
323. WOODWIND CLASS	One credit first semester.
326. BRASS CLASS	One credit first semester.
327-328. VOICE CLASS	Two credits each semester.
Mrs. Cash	
*329. CHORAL LITERATURE AND TECHNIQUES	Three credits first semester.
*330. MUSIC SEMINAR	Two credits second semester.

APPLIED MUSIC

119-120. ORGAN	Four credits each semester.
Dr. Pepin	
153-154. PIANO FOR APPLIED MUSIC MAJORS	Four credits each semester.
Mrs. Owyang, Miss Carlson, Sister Ellen St. Anne	
157-158. PIANO FOR NON-APPLIED MUSIC MAJORS	Three credits each semester.
Mrs. Owyang, Miss Carlson, Sister Ellen St. Anne	
163-164. PIANO FOR NON-MAJORS	Two credits each semester.
Mrs. Owyang, Miss Carlson, Sister Ellen St. Anne	
191-192. VOICE	Two or four credits each semester.
Mrs. Cash	
193-194. VIOLIN	Four credits each semester.
Mrs. Bales	
195-196. WOODWIND	Two credits each semester.
197-198. BRASS	Two credits each semester.

*Offered 1968-1969

PHILOSOPHY

Elena Lugo, Ph.D., *Chairman*
Sister Daniel Marie, A.M.
Elizabeth Evans Kehoe, A.M.
Lenke Vietorisz, M.S.L.
PHEME PERKINS, A.B.

203. INTRODUCTION TO PHILOSOPHY— INVESTIGATIONS INTO THE FOUNDATIONS OF WESTERN THOUGHT Reading and discussion of texts from Parmenides, Plato, Aristotle, Plotinus, St. Augustine, St. Thomas Aquinas.
Dr. Lugo, Mrs. Kehoe, Miss Vietorisz, Miss Perkins *Three credits one semester.*
407. HISTORY AND PHILOSOPHY OF SCIENCE Historical development of scientific concepts necessary to understand the basic problems of the philosophy of science, and the interplay between science and philosophy.
Sister Daniel Marie *Three credits second semester.*
430. THE PROBLEM OF CREATION FROM THE MEDIEVAL PHILOSOPHIES TO TEILHARD DE CHARDIN
Miss Vietorisz *Three credits first semester.*
431. MEDIEVAL APPROACHES TO GOD IN THE LIGHT OF CONTEMPORARY PHILOSOPHY Readings from St. Bernard, St. Bonaventure, St. Thomas Aquinas, Meister Eckhart, and Nicolas of Cusa. A knowledge of Latin is advisable.
Miss Vietorisz *Three credits second semester.*
432. FROM THE "CRITICAL PERIOD" OF PHILOSOPHY TO GERMAN IDEALISM Reading and discussion of texts from Kant and Hegel, taking into account the teaching of Descartes and Hume.
Dr. Lugo *Three credits first semester.*
433. EXISTENTIALISM AND PHENOMENOLOGY A critical study of the representative texts of Husserl, Heidegger, Sartre, Marcel. A reading knowledge of French or German is advisable.
Dr. Lugo *Three credits second semester.*
434. ETHICS AND SOCIAL PHILOSOPHY Readings from St. Thomas Aquinas, Rousseau, Kant, Mill.
Mrs. Kehoe *Three credits first semester.*
435. REASON AND EXISTENCE IN NINETEENTH AND TWENTIETH CENTURY THOUGHT Readings from Kierkegaard, Nietzsche, Bergson, Camus, and Jaspers.
Mrs. Kehoe *Three credits second semester.*

PHYSICAL EDUCATION

Christine S. Tsialas, B.S.

Physical Education is required of all students for two hours a week in the freshman year, the type of work being adjusted to the interests, needs and conditions of the individual students. Students who have failed to complete this requirement by the end of the sophomore year, are not entitled to junior standing. The Athletic Association, Folk Dance Club, and Modern Dance Club are under the direction of this department.

COURSE FOR FIRST YEAR STUDENTS

1. Fundamental Athletic Skills

An introduction to individual and team sports — technique and knowledge of rules in volleyball, basketball, badminton, tennis, golf, softball, archery, tumbling, and recreational games.

2. Fundamental Dance Skills and Rhythms

An introduction to the different dance types such as modern, folk, square, tap, jazz, and social; experimentation with fundamental rhythms and movement with the aid of ropes, wands, and balls.



PHYSICS

Sister Daniel Marie, A.M., *Chairman*
M. Patricia Hagan, Ed.M., M.S.
Thomas Morrill, M.S.
Sister Anthony, M.S., Cand. Ph.D.
Richard J. Rafferty, M.S.

Requirements for concentration: 30 semester hours in the major subject, exclusive of freshman courses; 18 semester hours in related subjects chosen from the fields of mathematics and chemistry.

Required courses: Physics 151, 152, 251, 252, 357, 358, 359, 360, 364, 455, 456, 457, 458, 459, 460; Mathematics 109, 110, 209, 210, 301; Chemistry 103, 104.

It is highly recommended that physics majors take Mathematics 401, 402.

105-106. GENERAL PHYSICS Open to chemistry, biology and psychology majors to fulfill the requirements in physics in the respective departments. Three hours lecture, two hours laboratory, each semester.
Sister Daniel Marie *Four credits each semester.*

179-180. PRINCIPLES OF PHYSICAL SCIENCES A study of the fundamental principles and concepts of the physical sciences, including the great scientific discoveries and stressing the influence of science on literature and the arts. Open to freshmen who intend to major in the humanities but desire a cultural background in science. Three hours lecture, one hour discussion, each semester.
Miss Hagan *Four credits each semester.*

151. SOUND AND OPTICS A study of wave motion, the theory of sound and the fundamentals of geometric and physical optics, including such topics as reflection, refraction, optical instruments, interference, diffraction, dispersion and polarization. Mathematics 109, concurrently. Three hours lecture, two hours laboratory, one semester.
Sister Daniel Marie, Miss Hagan *Four credits one semester.*

152. HEAT AND ELEMENTARY THERMODYNAMICS A discussion of thermal properties, introduction to kinetic theory of gases, the first and second laws of thermodynamics. Topics included: thermometry, methods of heat transfer, properties of ideal gas, Maxwell-Boltzmann distribution, properties of solids and liquids. Mathematics 110, concurrently. Three hours lecture, two hours laboratory, one semester.
Sister Daniel Marie, Miss Hagan *Four credits one semester.*

251. MECHANICS A mathematical treatment of the fundamental problems of statics and dynamics of particles and rigid bodies. Vector approach is employed. This is the second of a two year sequence designed for physics and mathematics majors. Prerequisite, Physics 151-152. Mathematics 209, concurrently. Three hours lecture, two hours laboratory, one semester.
Mr. Morrill *Four credits one semester.*

252. **ELECTRICITY AND MAGNETISM** A study of the methods of solving direct and alternating current circuits, the fundamental properties of the electric and magnetic field, and properties of various materials. Prerequisite, Physics 251. Mathematics 210, concurrently. Three hours lecture, two hours laboratory, one semester.
Mr. Morrill *Four credits one semester.*

These four courses — 151, 152, 251, 252 — constitute a two-year general physics course for those whose field of concentration is mathematics or physics. Calculus is freely used in this sequence; it may, however, be taken concurrently. Emphasis is placed on problem solving. When possible, lecture material will be illustrated by demonstrations. The laboratory in each case is designed to supplement the material discussed in class.

- 357-358. **MODERN PHYSICS** An introduction to the fundamentals of quantum mechanics by consideration of such topics as atomic structure and spectra, radiation and nuclear physics, development and application of the elements of special relativity. Experimental aspects of modern physics will be emphasized in all topics. No credit is given unless taken for both semesters. Prerequisites, Physics 151 through 252 (or 105-106 with permission of department).
Sister Daniel Marie *Three credits each semester.*

- 359-360. **CLASSICAL MECHANICS** A study of the following topics: statics of a particle, of rigid bodies; principles of virtual work, equilibrium, gravitational potential; motion of a particle in a uniform field, oscillatory motion, motion of system of particles, central force motion; rigid body motion (in three dimensions, including Euler's equations); accelerating systems (Coriolis, Foucault); generalized coordinates, Lagrange's and Hamilton's equations; vibrating systems and normal coordinates; vibrating strings and wave motion.
Mr. Rafferty *Three credits each semester.*

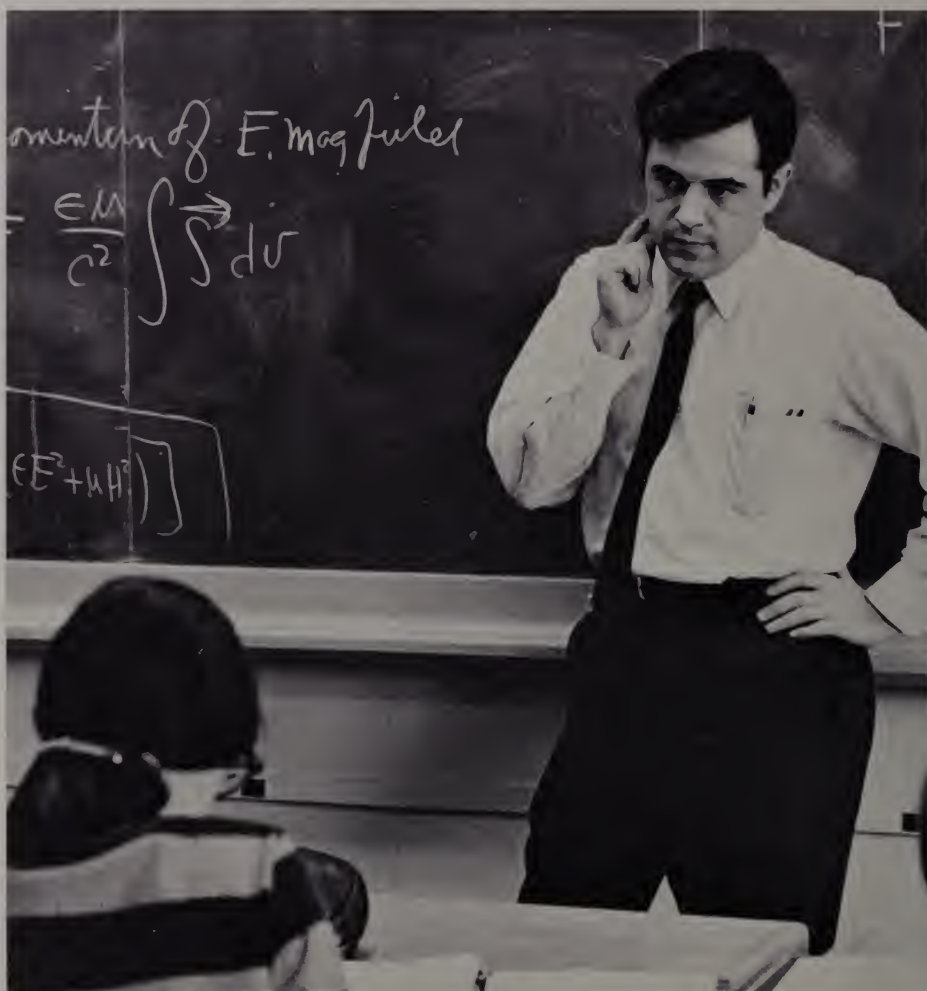
364. **MATHEMATICAL PHYSICS** Solution of the Sturm-Liouville differential equation, Fourier series and integral, matrix algebra, calculus of variations and elements of probability theory. In all cases, problems selected from various fields of physics. This course is intended to enable the student to mathematically analyze a physical problem and then to interpret the mathematical results physically. Prerequisites, Mathematics 301 and Physics 251-252.
Mr. Morrill *Three credits one semester.*

433. **THERMODYNAMICS AND STATISTICAL PHYSICS** A study of the principles of thermodynamics, the kinetic theory of gases, and an introduction to Maxwell-Boltzmann, Bose-Einstein, and Fermi-Dirac distribution functions. Problem solving will be emphasized. Prerequisites, Physics 152, 252.
Mr. Morrill *Three credits one semester.*

- *436. **PHYSICAL OPTICS** A further study of light as a wave phenomenon, the superposition principle, Maxwell's equations, interference, coherence, dispersion, scattering, Fresnel and Fraunhofer diffraction. Prerequisite, 151, 252.
Three credits one semester.

- 455-456. **INTERMEDIATE LABORATORY** Experiments and experimental techniques in electricity, vacuum and solid state electronics and advanced optics. Experiments in modern physics, including measurement of e/m and e , radioactivity, the Franck-Hertz experiment, the cloud chamber, and the photoelectric effect. Four hours laboratory each semester.
Mr. Morrill *Two credits each semester.*

* Offered 1968-1969.



457-458. SEMINAR IN SELECTED TOPICS FOR PHYSICS MAJORS An introduction to the fundamental research problems in physics. Each student familiarizes herself with a specific topic by a literature study. This course is given jointly by members of the department. (Open to non-majors with the consent of the department.) One hour each semester.
Members of the Department One credit.

459-460. ELECTRICITY AND MAGNETISM A study of electrostatics (including image techniques), boundary value problems, multipole expansions and dielectrics (1 quadrupole-polarized media). Magnetostatics and magnetism, boundary value problems in magnetism. Time-varying fields, Maxwell's equations, Poynting Theorem. D.C. and A.C. circuits. Plane electromagnetic waves (reflection, transmission, refraction, polarization), wave guides and cavities. Simple radiation systems (dipole, antenna). Diffraction by a circular aperture, by a small aperture. Babinet's Principle.
Mr. Morrill Three credits each semester.

POLITICAL SCIENCE

Sister Catherine Edward, A.M.

Philip R. Tetu, A.B., J.D.

203. INTRODUCTION TO POLITICAL SCIENCE Natural law and natural rights. The origin, nature, and sovereignty of the State. The role of government and its relation to the individual and the Church. The political philosophy of the Ancients and Medievalists.
Mr. Tetu *Three credits first semester.*
221. HISTORY OF POLITICAL THEORY Political thought of the Renaissance and Reformation. The "power politics" of Machiavelli and the political theorists from the emergence of the nation-state to the present.
Sister Catherine Edward *Three credits second semester.*
228. AMERICAN POLITICAL THOUGHT A study of the ideas and problems in American political theory from the Revolution to the present time.
Sister Catherine Edward *Three credits first semester.*
312. STATE AND LOCAL GOVERNMENT The position of the states under the Constitution. Relationship of the states to the citizens. State control over the municipalities and other local units of government.
Mr. Tetu *Three credits second semester.*
320. CONSTITUTIONAL LAW A review of landmark cases in American history emphasizing case law since the dynamic changes in the postwar years. An analysis of the expansion of the federal power under the Fourteenth Amendment as it affects the state and the individual.
Mr. Tetu *Three credits first semester.*
401. MODERN FOREIGN GOVERNMENTS A comparative analysis of the structure and operation of governments of Great Britain, France, Germany, Russia and Japan.
Sister Catherine Edward *Three credits second semester.*
417. AMERICAN NATIONAL GOVERNMENT Foundation, basic principles, organization, and functions of the American national government.
Sister Catherine Edward *Three credits first semester.*
430. CONTEMPORARY INTERNATIONAL RELATIONS A survey of the problems of International structure beyond the organizational aspects. The inter-play among nations is analyzed through the role of international law, the United Nations, and prior attempts at unity. The power of opinions, pressure groups, allied blocs is reviewed through cases and historical survey.
Mr. Tetu *Three credits second semester.*

PSYCHOLOGY

The Reverend Henry P. Ouellette, M.Ed., Ph.D., *Chairman*
Eugene Isotti, A.M., Ph.D.
Carson C. Johnson, Ph.D.
Bradford King, A.M., Cand. D.Ed.
Diane E. Lear, M.A., Cand. Ph.D.
Daniel Pershonok, M.A., Ph.D.
Edward A. Arees, M.S., Ph.D.

Requirements for concentration: 30 hours in the major subject; 18 hours in related subjects, chosen from the fields of literature, sociology, science, and mathematics. Students planning to major psychology should take biology or physics in freshman year, and French, German, or Russian.

Required courses: Psychology 203, 225-226, 409-410, 419-420, 431.

202. ADOLESCENT PSYCHOLOGY I A discussion of the physical, sensory, and intellectual changes occurring during adolescence and their psychological implications. An explanation of the general principles of human motivation and their specific application to adolescent motivation. A study of the nature and development of personality and character in adolescence and their effect on the social adjustment of youth.
Father Ouellette *Three credits either semester.*
- 203-204. BASIC PSYCHOLOGY Open only to students taking psychology as a major or related field.
Mr. King *Three credits each semester.*
205. BASIC PSYCHOLOGY The nature of psychology; growth and development; motivation; emotion and adjustment; learning and thinking; perception; individuality and its appraisal; psychology and social problems.
Dr. Johnson *Three credits either semester.*
- 225-226. PSYCHOLOGICAL STATISTICS Introductory course in fundamental statistical concepts and their application to psychology. Problems in the collection, interpretation and presentation of psychological statistical data. The mathematics of statistical analysis is not stressed. Prerequisite, Mathematics 107-108.
Dr. Arees *Three credits each semester.*
228. PSYCHOLOGICAL TESTING Emphasis placed on the theoretical presentation of the principles of test construction, standardization and sampling. Their application to individual and group tests of ability, aptitude, achievement, interest and personality is demonstrated. Prerequisite, Psychology 203.
Dr. Isotti *Three credits first semester.*
311. PERSONALITY THEORY The nature, development, theories, and methods of investigation of personality traits. Theories on trait organization and personality types evaluated. Prerequisite, Psychology 203.
Father Ouellette *Three credits second semester.*
312. ABNORMAL PSYCHOLOGY A consideration of mental deviation from the normal; etiology and survey of methods of diagnosis; methods of studying abnormal mental processes; relationship to society; methods of rehabilitation.
Dr. Isotti *Three credits second semester.*



331. PSYCHOLOGY—SOCIAL PSYCHOLOGY See Sociology 331.
408. CHILD PSYCHOLOGY I Concentration on newer types of research in the genetic and social development of the child. The continuous growth and development of the body; sensory equipment; motor skills, intelligence, understanding; emotional, moral and social nature of the child.
Miss Lear *Three credits either semester.*
- 409-410. EXPERIMENTAL PSYCHOLOGY Lectures and demonstrations on the design, execution, and analysis of experiments and research on psychological functions. Laboratory studies of human and animal behavior, with emphasis on psychological means of studying behavior. Prerequisites, Psychology 203, 225.
Dr. Johnson *Three credits each semester.*
412. THEORIES OF LEARNING A review and an analysis of learning theory in contemporary psychology.
Dr. Johnson *Three credits second semester.*
- *418. HISTORY OF PSYCHOLOGY The origins of scientific psychology to its present day inter-relatedness with other sciences.
Three credits second semester.
- 419-420. DEVELOPMENTAL PSYCHOLOGY Child Psychology II. Adolescent Psychology II. These two courses are offered as one full year unit and may not be divided. They are open for psychology majors or those majoring in allied fields. Prerequisite, Psychology 203.
Dr. Pershonok *Three credits each semester.*
431. SENIOR PROJECT The student will be responsible for completing an individual Psychological Project in any area of her interest. Special emphasis will be placed on Methodology in Psychological Research.
Dr. Johnson *Three credits first semester.*
432. SENIOR HONORS RESEARCH PROGRAM Upon invitation by the Psychology Department Faculty a student who has succeeded in the Senior Project Course with singular success will have the opportunity to pursue her research for an Honors designation within the Psychology Department.
Dr. Johnson *Three credits second semester.*

* Offered 1968-1969.

SOCIOLOGY

Sister Marie Augusta, A.M., Ph.D., *Chairman*
The Right Reverend Stanislaus T. Sypek, A.M., M.S.S.W., Ph.D.
Nancy Waxler, Ph.D.
William Bestor, A.M., Cand. Ph.D.
Claire Larracey Lang, A.M.
Jean Hendry, M.A., Ph.D.
Sister Catherine Robert, A.M.
Carol Ryser, A.M., Ph.D.
Ralph H. Schloming, A.B., Cand. Ph.D.

Requirements for concentration: 30 semester hours in sociology, inclusive of freshman courses; 24 hours in behavioral science chosen from the fields of economics, political science, psychology and history. Other related areas may be arranged.

Required courses: Sociology 101, 201, 206, 209, 321, and Psychology 203-204.

101. INTRODUCTION TO SOCIOLOGY The organization of social systems—the small group, the community, the complex social organization; the social context of personality development, the development of styles of life and social strata; the organization of work and leisure, politics and religion, problems of social structure and social change.
Sister Marie Augusta, Sister Catherine Robert, Mrs. Ryser *Three credits first semester.*
108. AMERICAN SOCIETY An analysis of the social structure and processes of change in American society. Several community studies will be examined along with current research on the American family, religion, polity, economy, class structure, the arts and mass media.
Mrs. Lang, Sister Catherine Robert, Mrs. Ryser *Three credits second semester.*
201. DEVIANCE AND SOCIAL CONTROL Sociological analysis of some problems of deviance and control including individual deviance such as delinquency, mental disorders, drug addiction, prostitution, suicide and alcoholism, and social deviance including crime, disorganization in the economy, polity, and community. The functional and dysfunctional aspects of deviance will be examined.
Prerequisite—Sociology 101
Mrs. Lang *Three credits either semester.*
206. COMPARATIVE CULTURAL INSTITUTIONS A comparative analysis of the social structures of primitive, peasant and modern industrial societies. Focus is on social change.
Prerequisite—Sociology 209
Prescribed for sophomore majors.
Sister Marie Augusta, Sister Catherine Robert *Three credits second semester.*
208. CULTURE AND SOCIETY IN THE SOVIET UNION An eclectic anthropological approach to a general understanding of life in the Soviet Union; cultural continuities and changes, ideology, institutions, values, and attitudes; methodology in the study of Soviet society; Soviet-American communication patterns; non-Russian nationalities in the USSR.
Mr. Bestor *Three credits second semester.*

209. **INTRODUCTION TO ANTHROPOLOGY** The nature of the anthropological inquiry: pre-history and the beginnings of civilization; human evolution and contemporary biological diversity in man; linguistic anthropology; the study of culture; comparative cultures and the search for universals; the materials of culture: religion, social organization, world view, esthetics; current directions in anthropology; methods and theory.
Mr. Bestor, Dr. Hendry *Three credits first semester.*
- 225-226. **STATISTICS** See Psychology 225-226.
303. **URBAN SOCIOLOGY** A study of the changing functions of cities in ancient, medieval and modern industrial societies, with special stress on the current problems and processes of urban and suburban changes in metropolitan areas.
Monsignor Sypek *Three credits first semester.*
321. **SOCIOLOGICAL THEORIES** A study of sociological theory from Comte to the present day. Emphasis will be placed on the development of conceptual tools necessary for an analysis of social systems.
Prerequisite—Sociology 101, 206 or 331.
Prescribed for junior majors.
Sister Marie Augusta *Three credits second semester.*
322. **MARRIAGE AND FAMILY RELATIONS** Interdisciplinary analysis of marriage as a social institution, vocation, contract and Sacrament; complementarity of sexes; remote and proximate preparation with emphasis on the Catholic value orientation. Family and personality with articulation of women's status and roles; family life cycle; kinship structures; family and related social systems. Family disorganization and reorganization.
Monsignor Sypek *Three credits first semester.*
327. **RACIAL AND CULTURAL MINORITIES** A study of the historical, sociological and psychological factors in the assimilation of ethnic and racial groups together with a systematic analysis of the dynamics of prejudice and discrimination.
Mrs. Lang *Three credits either semester.*
328. **SMALL GROUPS** A study of the structure and dynamics of small groups. The family, informal groups, industrial teams, experimentally constructed groups and psychotherapy groups will be analyzed from the sociological and psychological points of view. One hour per week will be devoted to a "training group" composed of class members.
Prerequisite—Sociology 331. Open to qualified seniors.
Dr. Waxler *Three credits second semester.*
331. **SOCIAL PSYCHOLOGY** An interdisciplinary study of the phenomena of social relations including personality and culture, group structure and process, interpersonal influence, and the development of attitudes and opinions. Special attention will be paid to the methods of social psychological research.
Prerequisite—Psychology 203 and Sociology 101 or an equivalent.
Sister Marie Augusta, Sister Catherine Robert *Three credits first semester.*
361. **SOCIOLOGY OF HEALTH AND WELFARE** An analysis of the effects, etiology, extent of the health and social needs in the Greater Boston Community. A study of social plans and programs to meet these needs through private and governmental agencies and institutions. Open to juniors and seniors.
Monsignor Sypek *Three credits second semester.*
364. **LANGUAGE IN CULTURE AND SOCIETY** An examination of the unique features of language as one form of communication, the relationships of language and culture (the Sapir-Whorf hypothesis), and language in its social setting. Consideration of some of the recent interdisciplinary developments in linguistics: sociolinguistics, psycholinguistics, and ethno-science.
Dr. Hendry *Three credits second semester.*

366. **PSYCHOLOGICAL ANTHROPOLOGY** Influence of cultural milieu upon personality; model personality; cross-cultural research; the life cycle and personal documents; analyzing personality and cognitive systems in other cultures; psychological aspects of esthetic expression, social change, and mental health in anthropological perspective.
Mr. Bestor *Three credits second semester.*
367. **COMPARATIVE ANTHROPOLOGY** Through extensive reading and discussion the development of an understanding of several different cultures. Analysis of theories of cultural development followed by the testing of hypotheses through comparative methods.
Mr. Bestor *Three credits first semester.*
380. **SOCIOLOGY OF FORMAL ORGANIZATIONS** Large scale organizations as social systems: hospitals, universities, armies, governments, business firms. Theory of bureaucracy, administrative functions, bases of authority, communication networks, formal and informal group structures, and their effect on work output and behavior, work roles and career patterns.
Mr. Schloming *Three credits first semester.*
404. **SOCIAL INSTITUTIONS IN PAPAL DOCUMENTS** An analysis of the basic institutions and their interrelations as contained in the selected papal encyclicals and documents from Leo XIII to the present. Individual institutions: the family, civil society, the Church, education, and the world community. Open to seniors.
Monsignor Sypek *Three credits second semester.*
417. **RESEARCH METHODS IN SOCIAL SCIENCE** This course will deal with the logic of the scientific method, problems of study design and analysis, with special attention paid to the difficulties in applying scientific methods to the study of human behavior. Survey research, experimental research, and clinical research will be of special interest. The class will also design and carry out its own research project. Prerequisite—Sociology 331. Open to qualified seniors and juniors.
Dr. Waxler, Mr. Schloming *Three credits one semester.*
419. **THE FIELDS OF SOCIAL WORK** Social work as a profession; the art of interviewing as a technique of social investigation. An analysis of the major areas of social work with emphasis on contemporary trends. Selected areas for study: casework, group, school, medical, psychiatric, community organization and social work research. Open to qualified seniors.
Monsignor Sypek *Three credits first semester.*
428. **SOCIOLOGY OF INDUSTRIAL RELATIONS** Industry as a social system. Analysis of formal and informal structures and roles of labor and management. Nature and role of unions. Investigation of communication, motivation and control in personnel-management relations.
Monsignor Sypek *Three credits second semester.*
431. **SEMINAR IN PROBLEMS AND CONCEPTS OF SOCIOLOGY** A critical look at the field of sociology in the light of current research and theory. Open to qualified seniors.
Sister Marie Augusta *Three credits second semester.*
433. **SEMINAR IN THE SOCIOLOGY OF POLITICS** Open to qualified seniors.
Mrs. Lang *Three credits first semester.*
442. **SEMINAR IN SOCIOLOGY OF COMMUNITY** Open to qualified seniors.
Sister Catherine Robert *Three credits second semester.*
450. **HONORS THESIS**
Sister Marie Augusta, Mrs. Lang, Dr. Waxler *Two credits each semester.*
470. **SEMINAR — PROBLEMS AND CONCEPTS IN ANTHROPOLOGY** Open to qualified seniors.
Dr. Hendry *Two hours, three credits, first semester.*

FIELD WORK

The department arranges for field work experience for a selected number of students preparing for the field of social work. (No credit.)

SPEECH

The Speech Arts courses are designed to equip the students for effective oral communication in personal and professional areas and to extend their appreciation of the aesthetic value of literature.

- *105. BASIC PRINCIPLES OF SPEECH The primary purpose of this course is to develop an understanding of the communicative processes in person-to-person relations. Analysis of the speech act. Voice mechanics. Basic habits and skills. Speech experiences in interpersonal relations.

Three credits one semester.

- *205. ADVANCED SPEECH This course is designed to provide both theory and practice for important individual speech activities—extemporaneous speaking, discussion, interpretation of literature and choral speaking.

Three credits one semester.

* Offered 1968-1969



TEACHER EDUCATION

Sister Ann Augusta, Ed.M., Ph.D., *Chairman*

Sister Marie Stephen, Ed.M., Ed.D.

J. Patricia Marsh, Ed.M., Ed.D.

Christine M. Sweeney, M.A., Ph.D.

TEACHER EDUCATION PROGRAMS FOR ELEMENTARY EDUCATION

Program One

General requirements: A.B. in Teaching

24 semester hours in a subject area chosen by the student from one of the major fields of concentration.

24 semester hours in professional courses.

Required professional courses: Education 232, 308 or 309, 361-362, 405, 416, 441 or 445, 442, 443; Psychology 203 or 408.

Program Two

Fulfillment of requirements for concentration in the department chosen by the student for major work.

Required professional courses: Education 308 or 232, 361-362, 405, 416; Psychology 203 or 408.

TEACHER EDUCATION PROGRAM FOR SECONDARY EDUCATION

Fulfillment of requirements for concentration in the department chosen by the student for major work.

Required professional courses: Education 401, 405, 416 and the methods course in the student's field of concentration.

232. CURRICULUM DEVELOPMENT IN ELEMENTARY EDUCATION General consideration of curriculum construction. Study of standard texts available for elementary school subjects.
Dr. Sweeney *Three credits second semester.*

308. PHILOSOPHY OF EDUCATION A study of the philosophical foundations of modern education. Analysis of contemporary educational philosophies.
Dr. Marsh *Three credits first semester.*

309. COMPARATIVE HISTORY OF EDUCATION Study of historical foundation and contemporary programs of education in American society, selected Western European countries, Japan and U.S.S.R.
Dr. Marsh *Three credits second semester.*

361-362. METHODS AND MATERIALS FOR TEACHING First semester: emphasis on the teaching of modern math in grades one through eight and current trends in science and social studies teaching. Second semester: emphasis on the language arts, English and reading.
Mr. Ladd *Three credits first semester.*

401. **PRINCIPLES AND PRACTICES OF TEACHING IN SECONDARY EDUCATION** This course deals with the objectives of the junior and senior high schools, teaching techniques, tests and measurements, problems of the classroom, and extracurricular activities in the field of secondary education.
Three credits one semester.
405. **EDUCATIONAL PSYCHOLOGY** A study of factors influencing learning, motivation, retention, and transfer of training. Procedures which make for efficient learning and retention and their application to teaching problems.
Sister Marie Stephen, Dr. Sweeney *Three credits one semester.*
408. **CHILD PSYCHOLOGY**
(See Psychology 408.) *Three credits one semester.*
410. **PRINCIPLES OF GUIDANCE** The philosophy, techniques, and present practices of guidance as applied to the problems of pupil personnel and counseling.
Sister Marie Stephen *Three credits one semester.*
416. **OBSERVATION AND STUDENT TEACHING** Supervised teaching in elementary, junior or senior high school classes provides the opportunity for experience in all phases of a teacher's responsibilities and for the development of a working point of view in the field of education. Weekly conferences at the College.
Dr. Sweeney, Supervisor *Six credits for State Certification.
No credit for degree.*
441. **SEMINAR: THE ELEMENTARY SCHOOL** Problems in the areas of curricular and teaching techniques in the elementary school will be investigated.
Sister Ann Augusta *Three credits first semester.*
442. **SEMINAR: TESTING IN THE ELEMENTARY SCHOOL** A thorough study of statistics necessary for interpretation and use of test results, namely, the computation of the mean, median, standard deviation, the standard error and probable error.
Sister Ann Augusta, Dr. Sweeney *Three credits second semester.*
443. **SEMINAR IN IMPROVEMENT OF READING** Classroom methods of discovering and providing for individual differences and difficulties in reading and study skills. Demonstration of methods and materials for improving basic reading skills. A practical course for the prevention and correction of reading difficulties.
Sister Ann Augusta *Three credits one semester.*
445. **SEMINAR: THE URBAN SCHOOL** Problems in the areas of objectives, aims and teaching techniques of the Urban School will be investigated. Visiting lecturers and field trips will be utilized to provide information on the gray areas.
Dr. Sweeney *Three credits first semester.*

For specialized methods courses in subject-matter areas, see major departments.

THEOLOGY

Reverend Alfred J. Connick, A.B., J.C.D., *Chairman*
Sister Marietta, A.B., A.M., Dpl. M. in Sc. Sac., Cand. Ph.D.
Reverend Raymond F. Collins, Ph.B., M.A., S.T.D., Cand. S.T. Mag.
Reverend Francis X. Kett, A.B., S.T.D.
Reverend Bernard P. McLaughlin, A.B., A.M., Cand. Ph.D.
Reverend David F. Noonan, A.B., A.M.
Reverend Timothy J. Shea, A.B., S.T.B.

105. **CHRISTIAN VALUES** A biblical presentation of salvation history. The mystery of grace. The sacramental nature and mission of the Church as the People of God on earth.
Sister Marietta *Three credits second semester.*
106. **CHRISTIAN FAITH** A phenomenological study of belief as a personal and ecclesial commitment. Belief and unbelief. A comparative approach to contemporary Christian faith.
Father Kett *Three credits second semester.*
207. **CHRISTIAN MORALITY** The Christian vocation to mature and responsible decision-making in terms of the Gospel. Structuring the moral option according to man, his conscience and law. Man's rejection of the moral option. Man's virtuous response.
Father Noonan, Father Shea *Three credits one semester.*
305. **CHRISTIAN MARRIAGE** A biblical approach to Christian Marriage. Psychological and moral aspects of conjugal love. Responsible parenthood and current problems.
Father Connick *Three credits one semester.*
306. **CHRISTIAN FAITH** A phenomenological study of belief as a personal and ecclesial commitment. Belief and unbelief. A comparative approach to contemporary Christian faith. Open to juniors.
Father Kett *Three credits first semester.*
405. **SACRAMENTAL EXPERIENCE** Sacraments as the meeting place of God and man and as personal deeds of faith. Their role in the development of Christian personality and of the Church.
Sister Marietta *Three credits second semester.*
421. **BELIEF AND UNBELIEF** A comparison between atheism and belief. The problem of self-identity. A study of the "Death of God" theology in contemporary thought. Open to seniors.
Father Kett *Three credits first semester.*
423. **PROTESTANTISM** An historical development of contemporary Protestantism. A study and reading of modern Protestant theologians: Bonhoeffer, Barth, Tillich, Niebuhr. Open to juniors and seniors.
Father McLaughlin *Three credits first semester.*
427. **CONSCIENCE AND LIBERTY** The formation of conscience as a personal interpreter of moral obligation. Christian conscience and freedom in the Church and in society. Open to seniors.
Father Connick *Three credits first semester.*
431. **CHRISTIAN EXISTENTIALISM** A concentration upon the Christian concepts of Kierkegaard and Marcel, and an analysis of the theism of Heidegger and Jaspers. Open to juniors and seniors.
Father McLaughlin *Three credits second semester.*



432. **NEW TESTAMENT MORALITY** An in-depth study of New Testament. Anthropology and Morality. An evaluation of various Christian interpretations of this Gospel morality, and their implications upon the secular man. Open to seniors.
 Father Collins *Three credits one semester.*
434. **THEOLOGICAL THEMES IN CONTEMPORARY LITERATURE** A dialectic presentation of some of the major themes of modern literature and stage (life, death, terrorism, loneliness) in the light of contemporary theological thought. Open to juniors and seniors.
 Father Connick *Three credits second semester.*
479. **ECUMENICAL THEOLOGY** Scriptural basis and ecclesial limits in contemporary ecumenism. Positive guidelines in modern apologetics. Discussion with representatives of Judaism, Orthodox and Protestant faith. Open to seniors.
 Father Connick *Three credits one semester.*

WESTERN CULTURE

Sister Anne Cyril, A.M., Ph.D.

Susan Schalkwijk, A.M., Cand. Ph.D.

103. **GREEK AND ROMAN HUMANISM; CHRISTIAN HUMANISM TO THE RENAISSANCE** This course sketches the social, political, cultural, philosophical, religious patterns of Western society. Major emphases include fifth-century Greece, first-century Rome, and thirteenth-century Europe. For prescribed reading to supplement this course, see English 101-102, p. 49.
 Sister Anne Cyril *Three credits first semester.*
403. **TRENDS IN WESTERN CULTURE FROM THE RENAISSANCE TO THE PRESENT**
 Mrs. Schalkwijk *Three credits one semester.*



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A.B., Emmanuel College

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B.F.A., Yale University; Fellow of the American Academy in Rome

Sister Angela St. George, *Instructor in Economics*

B.S., Emmanuel College; M.A., Candidate for Ph.D., Boston College

Sister Ann Augusta, *Professor of Education*

A.B., Emmanuel College; Ed.M., Boston College; Ph.D., Catholic University of America

Sister Ann Rachel, *Director of Residence*

A.B., Emmanuel College

Sister Anne Barbara, *Professor of English*

A.B., Emmanuel College; A.M., Boston College; Ph.D., Catholic University of America

Sister Anne Cyril, *Professor of English*

A.B., Emmanuel College; A.M., Boston College; Ph.D., Boston University

†Sister Anne St. Hugh, *Instructor in French*

A.B., Emmanuel College; Laval University; Sorbonne

Sister Anthony, *Instructor in Physics*

A.B., Emmanuel College; M.S., Candidate for Ph.D., Fordham University

Edward A. Arees, *Lecturer in Psychology*

M.S., City College, N.Y.; Ph.D., University of Massachusetts

Dorothy J. Bales, *Lecturer in Music*

B.Mus., New England Conservatory of Music; M.Mus., Boston University

Sister Berchmans, *Professor of Italian*

A.B., Boston University; A.M., Emmanuel College; A.M., Middlebury College; Ph.D., Boston College

Sister Bernadette Julie, *Assistant Professor of Latin*

A.B., Emmanuel College; A.M., Boston College

Jerry M. Bernhard, *Assistant Professor of English*

A.B., University of Wisconsin; M.A., Candidate for Ph.D., Harvard University

William Bestor, *Lecturer in Anthropology*

A.B., Yale University; A.M., University of Washington; Candidate for Ph.D., Harvard University

† On leave of absence.

- Blanche Boulanger, *Lecturer in French*
Brevet, Grenoble
- Jennifer L. Brewer, *Instructor in English*
A.B., Goucher College; A.M., Vanderbilt University; Tufts University
- Eleanor A. Carlson, *Instructor in Music*
Mus.B., Oberlin Conservatory of Music; M.Mus., Indiana University
- Louise Gadbois Cash, *Instructor in Music*
A.B., Emmanuel College; M.Mus., Boston University
- Philip P. Cash, *Associate Professor of History*
B.S. in Ed., Gorham State College; A.M., Candidate for Ph.D., Boston College
- Sister Catherine Edward, *Associate Professor of History and Political Science*
A.B., Emmanuel College; A.M., Boston College
- Sister Catherine Josephine, *Professor of Mathematics*
A.B., Emmanuel College; A.M., Ph.D., Boston University
- Sister Catherine LeRoy, *Dean of Students*
A.B., Emmanuel College; Boston University
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- The Reverend Raymond P. Collins, *Lecturer in Theology*
A.B., M.A., Ph.B., S.T.D., Candidate for the S.T. Mag., Louvain
- Pilar Concejo, *Instructor in Spanish*
Licenciada en Filosofía y Letras per la Universidad de Valladolid
- Elizabeth A Conley, *Assistant Treasurer*
B.S. in Business Administration, Boston College
- The Reverend Alfred J. Connick, *Assistant Professor of Theology*
A.B., St. John's Seminary; J.C.D., Catholic University of Louvain
- †Colin H. Connor, *Associate Professor of Economics*
B.S., Boston College; Syracuse University; Candidate for Ph.D., Boston College
- Sister Cornelius Julie, *Assistant Professor of English*
A.B., Emmanuel College; A.M., Boston College; Candidate for Ph.D., University of Minnesota
- Eugene P. Coyle, *Assistant Professor of Economics*
A.B., Providence College; Candidate for Ph.D., Boston College
- John B. Cusack, *Assistant Professor of History*
A.B., St. Francis Xavier University; A.M., Candidate for Ph.D., Boston University
- Sister Daniel Marie, *Assistant Professor of Physics*
A.B., Emmanuel College; A.M., Boston College; Fordham University

† On leave of absence.



Bernadette Dateo, *Instructor in French*
A.B., M.A., Emmanuel College

Joseph H. Dayag, *Professor of German*
Matura, Vienna; M.S., Louisiana State University; Docteur de l'Université de Paris (Lettres)

Francisco de la Gandara, *Assistant Professor of Spanish*
Bachiller en Humanidades Clásicas, Colegio de Humanidades, Salamanca;
Licenciado en Filosofía y Letras, Universidad de Comillas, Santander, Spain

Sister Dolores Marie, *Instructor in English*
A.B., Emmanuel College; A.M., Boston College; Candidate for Ph.D., Harvard University

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A.B., Mount St. Mary College, Hooksett; A.M., Boston College

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A.B., Emmanuel College; M.A., Boston University; Radcliffe College; Ph.D., University of Notre Dame

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B.S., M.S., Ph.D., Purdue University
- †Sister John Marguerite, *Instructor in French*
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- Carson C. Johnson, *Associate Professor of Psychology*
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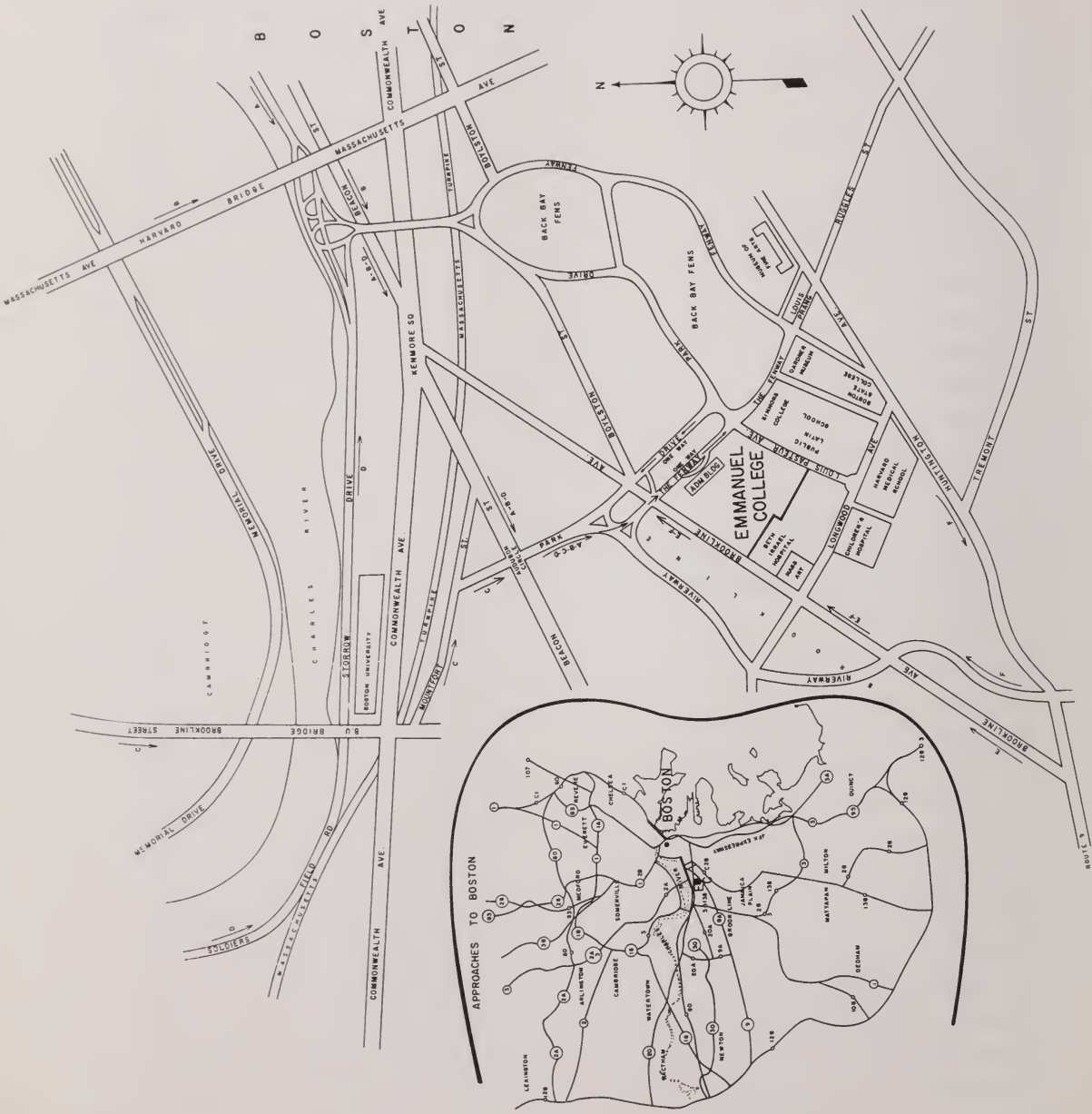
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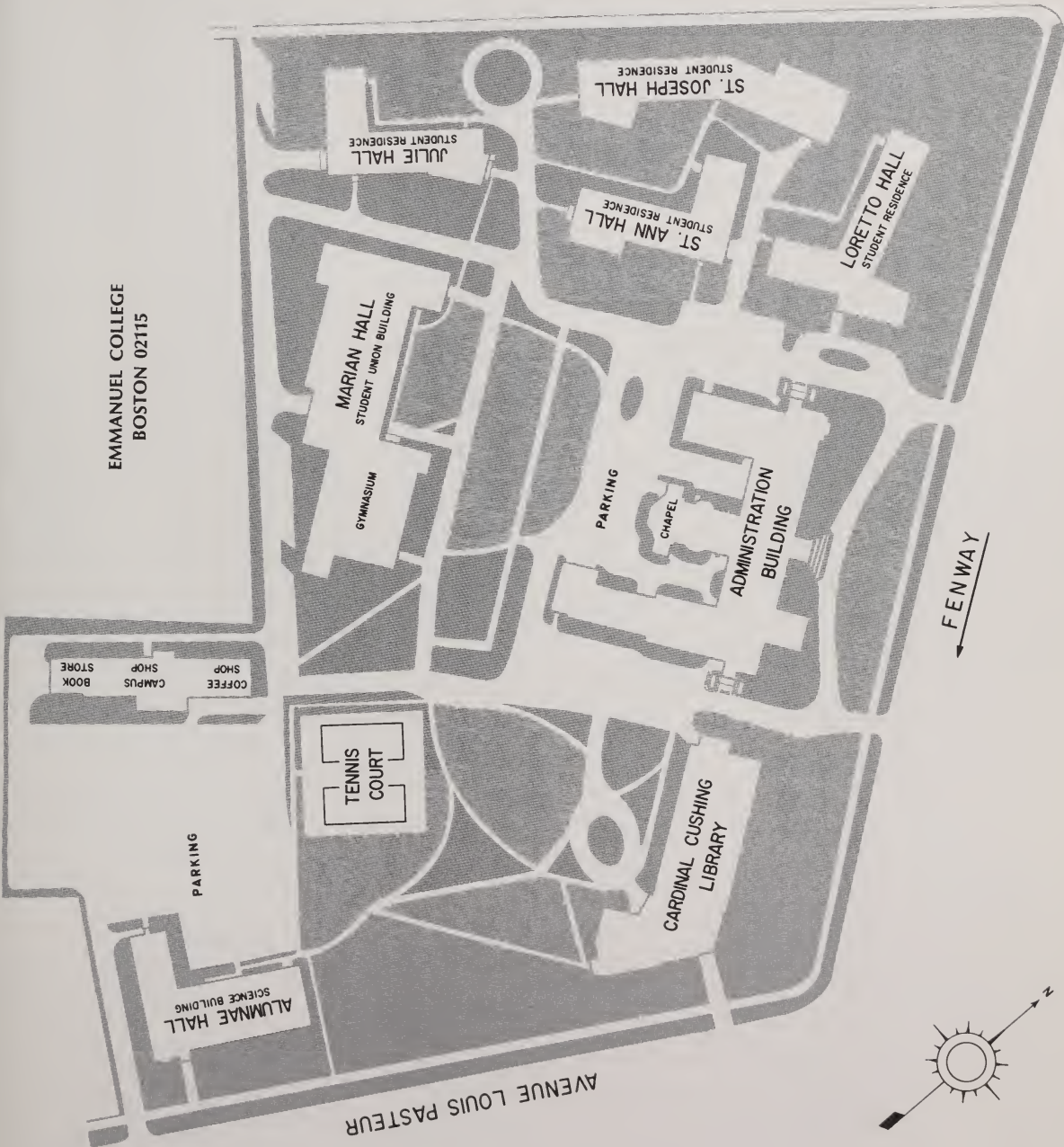
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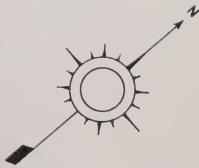


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BROOKLINE AVENUE



FENWAY



AVENUE LOUIS PASTEUR

COLLEGE CALENDAR 1967-1968

September 13-17	Freshman orientation program
September 14	Registration for all classes
	Sophomores 9:00 a.m. - 11:00 a.m.
	Juniors 12:00 noon - 2:00 p.m.
	Seniors 2:00 p.m. - 4:00 p.m.
September 14	Faculty Meeting at 4:30 p.m.
September 17	Mass of the Holy Spirit at 12:00 noon
September 27	College Day of Spirituality
October 3	Convocation
October 8	Cap and Gown Day
October 12	Columbus Day
October 16-November 24	Practice Teachers' Assignment
October 22	President's Tea for parents of freshmen
November 4	Modern Language Examination
November 10	Mid-semester marks due
November 19	Open House
November 22	Thanksgiving Recess
	Classes end at 1:00 p.m.
November 27	Classes resume
December 12	Faculty Meeting at 4:30 p.m.
December 15	Christmas vacation begins after last class
December 18	Faculty Christmas Party
1968	
January 3	Classes resume
January 15, 22	Reading days for examinations
January 16-19	Examinations
January 23-26	Examinations
January 24	Last day of class for practice teachers
January 29-February 2	End semester recess
February 5	Spring term begins
February 13	College Day of Spirituality
February 22	Washington's Birthday
March 18-22	Mid-semester marks due
March 22	Spring vacation begins after last class
April 1	Classes resume
April 6	Modern Language Examination
April 12	Good Friday
April 19	Patriot's Day
May 2	Honors Convocation
May 13-17	Comprehensive Examinations
May 17	Reading Day
May 20-31	Final Examinations
May 21	Faculty Meeting at 4:30 p.m.
May 30	Memorial Day
June 1	Class Day
June 2	Baccalaureate and Degree Day

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